



METALWORKING MACHINERY

**BAILEIGH  
INDUSTRIAL**





Baileigh Industrial® was founded in 1999 with the core principles of providing the highest quality industrial metalworking and woodworking machinery backed by unsurpassed after sale support. Since our humble beginnings we have grown into becoming one of the most respected suppliers of metal forming, chip removal, welding, cutting, sheet metal, and fabrication equipment, as well as contractor grade and industrial furniture, cabinet making, and joinery woodworking equipment.

Baileigh Industrial's worldwide headquarters are located in Manitowoc, WI (USA). A large dealer network around the world provides a local source in most cases. We take pride in offering industrial grade equipment providing profitable solutions for metal and wood machinery project requirements. We further back up our quality metal and wood equipment with timely machinery shipments (typically 72 hour or less), and unsurpassed after sale support.

Our goal is to become a lifetime supplier to our customers of quality metal and wood working machinery. We strive to offer a great experience in the entire process of machinery selection, sale, and support.



*Baileigh Industrial, Inc., Manitowoc, WI World Headquarters*

**Contact Your Baileigh Industrial Representative TODAY for your NEW Metalworking Machine!**

**BAILEIGH INDUSTRIAL, INC.**

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*About the Cover: Shown is the Amazing MH-37HD with optional AH-36 Air hammer attachment in action.*

**BAILEIGH means... precision. performance. perfection.**

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### The Best Resource On The Planet.

Baileigh is an international provider of quality metal fabricating equipment. Our proven industry leadership results in profitable solutions for your fabricating needs. You can rely on our global experience, our in-depth expertise, and our unwavering commitment to your absolute satisfaction.

### Professional Problem Solvers.

We're all the help you need. Our knowledgeable team of expert engineers provides personal attention and individualized service. We know that the right equipment can maximize your efficiencies and improve productivity. That's why we take the time to thoroughly understand your project needs, so we can recommend and engineer a superior solution to meet them—and exceed your expectations.

### Built To Perform, Priced To Compete.

We offer hardworking equipment for hardworking people, just like you. Our high-performance equipment is designed to stand up to all your tough jobs. Every product represents superior design, innovative technology, state-of-the-art features, and affordable quality. It's reliability at the best value for your business dollar. All so you can achieve peak performance with each and every project.

### Specializing In Your Satisfaction.

We're passionate about customer service, and it shows. Our friendly and knowledgeable staff is always ready to assist you with your business needs. We maintain a strong network of knowledgeable dealers in the metal fabricating industry, and offer local sales and support, to consistently deliver prompt and professional service. You won't find another company that can top our commitment to excellence—in service, products, and support.

# CNC Laser Table – FL-510HD

## SPECIFICATIONS – FL-510HD

Model	FL-510-HD-500W		FL-510HD-1000W	
Type of Laser	Fiber		Fiber	
Laser Wavelength	1070 nm		1070 nm	
Cutting Range	9.8' x 4.9'	3 m x 1.5 m	9.8' x 4.9'	3 m x 1.5 m
Max. Cutting Speed	59 fpm	18 mpm	78 fpm	24 mpm
Output Power	500 watts		1000 watts	
Laser Input Power	2 kW		5kW	
Cooling	Water		Water	
Air Dryer	Yes		Yes	
Material Cutting Range	.007" to .196"	.2 to 5 mm	.007" to .314"	.2 to 8 mm
Minimum Cutting Width	~.004"	~.1 mm	~.005"	~.125 mm
Axis Controls	Delta® Servo		Delta® Servo	
Y Axis	Gear and Rack		Gear and Rack	
X Axis	Ball Screw		Ball Screw	
Software	BobCad Cam Express		BobCad Cam Express	
Weight	6,600 lbs.	3000 kgs	6,600 lbs.	3000 kgs
Power Requirement	220C 3 Phase		220V 3 Phase	

- ◆ 5' x 10' table
- ◆ Economical
- ◆ Efficient fiber type laser
- ◆ 500 watt and 1000 watt versions available
- ◆ Includes chiller and air dryer
- ◆ High quality delta® servo motors on x and y axis
- ◆ Fully assembled
- ◆ Easy to use control console
- ◆ Includes BobCAD cam express software
- ◆ 220V three phase



Exhaust and air dryer



Cooler



# CNC Water Jets – WJ-4x4CNC

- ◆ 48" x 48" working area
- ◆ Hammelmann® direct drive pump
- ◆ 58,000 PSI
- ◆ Cuts metal, ceramic, plastic, foam, and glass with ease
- ◆ Abrasive cutting or water only
- ◆ Cantilever design for more accuracy and easy material loading
- ◆ 3 sided access to work piece
- ◆ 3 axis movement
- ◆ Precision ball screw and linear guide rail movement
- ◆ Fully laser cut, welded and reinforced frame
- ◆ Small foot print (intensifier built into table)
- ◆ Auto adjustable abrasive delivery system
- ◆ Bulk abrasive tank integrated into base
- ◆ Economical
- ◆ 460V 3 phase

## Controller

- ◆ Easy to use touch screen
- ◆ Windows based
- ◆ Supports ENG, DXF, and G-Code
- ◆ Includes BobCAD express software
- ◆ Caster mounted for easy maneuverability

SPECIFICATIONS – WJ-4x4CNC	
Table Style	Cantilever
Cutting Area	48" x 48" (1220 mm x 1220 mm)
Pump Style	Direct Drive
Maximum System Pressure	58,000 PSI
Maximum Operating Pressure	56,000 PSI
Motor HP	40
Axis Drive	Allen-Bradley Servo
Software	BobCAD Cam Express
Garnet Delivery System	Stepper Motor
Garnet Hopper	Integrated into Base
Consumables	.35 mm Jewel, 1 mm nozzle
Water Filtration	2 Stage
Power Requirement	460V 3 Phase



# CNC Water Jets – WJ-85CNC

## SPECIFICATIONS – WJ-85CNC

Table Style	Cantilever
Cutting Area	60" x 96" (1525 mm x 2440 mm)
Pump Style	Direct Drive
Maximum System Pressure	58,000 PSI
Maximum Operating Pressure	56,000 PSI
Motor HP	40
Axis Drive	Allen-Bradley Servo
Software	BobCAD Cam Express
Garnet Delivery System	Stepper Motor
Garnet Hopper	Integrated into Base
Consumables	.35 mm Jewel, 1 mm nozzle
Water Filtration	2 Stage
Power Requirement	460V 3 Phase

- ◆ 60" x 96" working area
- ◆ Hammelmann® direct drive pump
- ◆ 58,000 PSI
- ◆ Cuts metal, ceramic, plastic, foam, and glass with ease
- ◆ Abrasive cutting or water only
- ◆ Cantilever design for more accuracy and easy material loading
- ◆ 3 sided access to work piece
- ◆ 3 axis movement
- ◆ Precision ball screw and linear guide rail movement
- ◆ Fully laser cut, welded and reinforced frame
- ◆ Small foot print (intensifier built into table)
- ◆ Auto adjustable abrasive delivery system
- ◆ Bulk abrasive tank integrated into base
- ◆ Economical
- ◆ 460V 3 phase

## Controller

- ◆ Easy to use touch screen
- ◆ Windows® based
- ◆ Supports ENG, DXF, and G-Code
- ◆ Includes BobCAD Cam express software
- ◆ Caster mounted for easy maneuverability



# What makes a Baileigh Industrial Water Jet Unique



*Pump*



*Integrated Garnet Tray*



Baileigh Industrial looked at traditional water jets and thought, there must be a better way. The first aspect of traditional water jet that Baileigh looked at was the pump, this led them to the direct drive design that took up less space and required less maintenance than what was already on the market. This led us to Hammelmann®. The Hammelmann pump was born in the high volume, high demand industrial mining business where downtime can't happen, and maintenance intervals need to be as long as possible. Knowing that Baileigh's customers would expect nothing less, we've built the "heart" of our water jets with a Hammelmann® direct drive pump. This pump system can run a 100% duty cycle at maximum system pressure! And it's achieving this while being up to 40%

more energy efficient than an intensifier water jet system!

Cutting stone, glass, marble, granite, tile, or anything brittle? Traditional water jets tend to chip or blow-out the surface of brittle material when initially piercing. Baileigh's direct drive system has addressed this headache with the powertrain that lies behind the Hammelmann pump. A 40hp motor, powered by VFD, enables the cutting system pressure to be varied infinitely, in real time. This means your expensive stone can be pierced at low pressure to avoid damage, but cut at high pressure for increased production; all handled by the Windows based controller! That's right, no more manually adjusting the hydraulic

system. In fact, Baileigh water jets don't have a hydraulic system at all, which also alleviates the need for a cooling system. No hydraulic system, no cooling system, and an integrated garnet hopper make the Baileigh water jets some of the smallest footprint water jets in the industry! The only items you see on your shop floor are the chassis, water table/tank, and control pedestal.



*Touchscreen*

# CNC Plasma Tables – PT-22

- ◆ 2' x 2' (610 x 610 mm) cutting area
- ◆ Water table pitched to drain
- ◆ High quality stepper motors with lead screw drive
- ◆ Single drive on X axis, dual drives on Y axis
- ◆ Fully welded main frame
- ◆ 5" casters (2) stationary – (2) swivel with brake
- ◆ Industrial cable track on X axis
- ◆ Latched and hinged access doors on both sides
- ◆ Includes BobCAD cam express software
- ◆ 110V

*Shown with Optional  
Cutmaster® A60  
Plasma Cutting System*



# CNC Plasma Tables – PT-44AH-W



- ◆ 59" x 59" (1499 x 1499 mm) cutting area
- ◆ Water table style
- ◆ Control podium with integrated auto height control
- ◆ High quality stepper motors on X, Y and Z axis
- ◆ Fully welded main frame will support up to 1" (25 mm) thick mild steel
- ◆ Industrial cable track
- ◆ Dual drive on Y axis
- ◆ Includes BobCAD cam express software
- ◆ Heavy duty construction
- ◆ Factory assembled
- ◆ 220V single phase



# CNC Plasma Tables – PT-48AH-W

- ◆ 60" x 100" (1524 x 2540 mm) cutting area
- ◆ Water table standard
- ◆ Integrated automatic height control
- ◆ Separate control console
- ◆ High quality stepper motors on X, Y, and Z axis
- ◆ Fully welded main frame will support up to 1" (25.4 mm) thick mild steel
- ◆ Industrial cable track
- ◆ Dual drive on Y axis
- ◆ Hardened, ground slide ways with wipers
- ◆ Includes BobCAD cam express software
- ◆ Factory assembled
- ◆ 220V single phase



# CNC Plasma Tables – PT-105HD



- ◆ 5' x 10' (1524 x 3048 mm) cutting area
- ◆ Automatic height detection system
- ◆ Down draft type table
- ◆ Downtraft trolley follows the torch wherever it's cutting for more focused fume extraction.
- ◆ Sturdy control podium with 10.5" screen and keypad.
- ◆ High quality panasonic® brushless servo motors on X and Y axis
- ◆ Dual drive on Y axis
- ◆ E-Z load material side rails
- ◆ Fully welded main frame will support up to 1.5" (38 mm) thick mild steel
- ◆ Heavy duty steel gantry
- ◆ Automatic height detection system
- ◆ Industrial cable track
- ◆ Hardened, ground and polished slide ways
- ◆ Includes BobCAD cam express software
- ◆ 220V single phase

# CNC Plasma Tables – PT-105HD-W

- ◆ 5' x 10' (1524 x 3048 mm) cutting area
- ◆ Automatic height detection system
- ◆ Water type table
- ◆ Sturdy control podium with 10.5" screen and keypad.
- ◆ High quality Panasonic® brushless servo motors on X and Y axis
- ◆ Dual drive on Y axis
- ◆ E-Z load material side rails
- ◆ Fully welded main frame will support up to 1.5" (38 mm) thick mild steel
- ◆ Heavy duty steel gantry
- ◆ Automatic height detection system
- ◆ Industrial cable track
- ◆ Hardened, ground and polished slide ways
- ◆ Includes BobCAD cam express software
- ◆ 220V single phase



# CNC Plasma Tube Profiler – PTP-1110 / PTP-1120



SPECIFICATIONS – PTP-1110		
Maximum Load Capacity	100 lbs. per foot	140 kgs. per meter
Table Size	9.84'	3 meters
Max. Piercing Capacity	Depends on Plasma System	
Notching Capacity (OD)	2" – 11.5"	50 mm – 300 mm
Power	Y Axis - .5hp, X Axis - 1 hp	
Shipping Weight	1700 lbs.	775 kgs.

*Note: plasma system sold separately  
Specifications subject to change without notice.*

- ◆ 2 axis design allows for many unique applications
- ◆ Perfect for notching large tube
- ◆ CNC controlled
- ◆ Includes software
- ◆ 2"–11.5" (50 – 300mm) OD capacity
- ◆ 3 meter length
- ◆ 220V single phase
- ◆ Plasma system sold separately (based on capacity)

SPECIFICATIONS – PTP-1120		
Maximum Load Capacity	100 lbs. per foot	140 kgs. per meter
Table Size	19.685'	6 meters
Max. Piercing Capacity	Depends on Plasma System	
Notching Capacity (OD)	2" – 11.5"	50 mm – 300 mm
Power	Y Axis - .5hp, X Axis - 1 hp	
Shipping Weight	3500 lbs.	1600 kgs.

*Specifications subject to change without notice.  
Note: plasma system sold separately*

- ◆ 2 axis design allows for many unique applications
- ◆ Perfect for notching large tube
- ◆ CNC controlled
- ◆ Includes software
- ◆ 2"–11.5" (50 – 300mm) OD capacity
- ◆ 6 meter length
- ◆ 220V single phase
- ◆ Plasma system sold separately (based on capacity)

# Tube & Pipe Notchers – TN-50M / TN-125M / TN-200M

SPECIFICATIONS – TN-50M		
Notching Capacity (Pipe)	1/4", 3/8", 1/2"	6.3 mm, 9.525 mm, 12.7 mm
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	20" x 7" x 7"	508 mm x 178 mm x 178 mm
Shipping Weight	17 lbs.	8 kgs.

Specifications subject to change without notice.

- ◆ Will notch 1/4", 3/8", and 1/2" pipe at 90°
- ◆ Manually operated

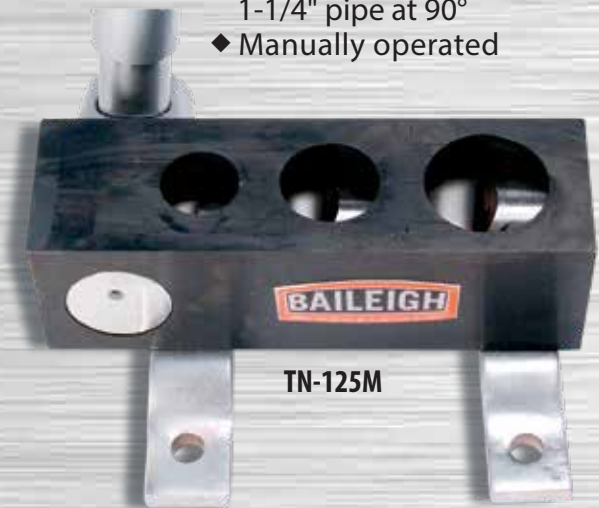


TN-50M

SPECIFICATIONS – TN-125M		
Notching Capacity (Pipe)	3/4", 1", 1-1/4"	19 mm, 25.4 mm, 31.75 mm
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	20" x 7" x 7"	508 mm x 178 mm x 178 mm
Shipping Weight	20 lbs.	9 kgs.

Specifications subject to change without notice.

- ◆ Will notch 3/4", 1", and 1-1/4" pipe at 90°
- ◆ Manually operated



TN-125M

SPECIFICATIONS – TN-200M		
Notching Capacity (Pipe)	1-1/2", 2"	38.1 mm, 50.8 mm,
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	20" x 7" x 7"	508 mm x 178 mm x 178 mm
Shipping Weight	36 lbs.	16 kgs.

Specifications subject to change without notice.

- ◆ Will notch 1-1/2" and 2" pipe at 90°
- ◆ Manually operated



TN-200M

# Tube & Pipe Notchers – TN-200E

- ◆ Perfect for nibble notching schedule 40 pipe
- ◆ Bench top mounting
- ◆ 90° notching
- ◆ Electric

SPECIFICATIONS – TN-200E		
Notching Capacity (Pipe)	1/4", 3/8", 1/2"	6.35 mm, 9.525 mm, 12.7 mm
	3/4", 1", 1-1/4"	19.05 mm, 25.4 mm, 31.75 mm
	1-1/2", 2"	38.1 mm, 50.8 mm
Power Requirements	240V 1-Phase	
Shipping Dimensions (L x W x H)	36" x 16" x 18"	914 mm x 406 mm x 457 mm
Shipping Weight	203 lbs.	92 kgs.

*Specifications subject to change without notice.*



1. Insert Pipe



2. Remove After Half Notch



3. Reinsert Pipe to Notch Opposite Side



4. Notch Complete



# Tube & Pipe Notchers – TN-210H / TN-250

SPECIFICATIONS – TN-210H		
Notching Capacity (OD)	2"	50.8 mm
Spindle Size	1"	25 mm
Spindle Adapter	1/2" and 5/8"	
Angle Adjustment	0–50°	
Power Requirements	Drill Press or Hand Drill	
Shipping Dimensions (L x W x H)	12" x 7" x 5"	305 mm x 178 mm x 128 mm
Shipping Weight	10 lbs.	5 kgs.

Specifications subject to change without notice.



**TN-210H**  
Shown with  
optional hole saw

**DON'T FORGET THE  
HOLE SAWS!**

SPECIFICATIONS – TN-250		
Notching Capacity (OD)	1/2" – 2-1/2"	12.7 mm – 63.5 mm
Angle Adjustment	Infinite	
Power Requirements	1/2" (12.7 mm) Hand Drill	
Shipping Dimensions (L x W x H)	24" x 12" x 12"	610 mm x 305 mm x 305 mm
Shipping Weight	50 lbs.	23 kgs.

Specifications subject to change without notice.



**TN-250**  
Shown with  
optional hole saw

- ◆ Unique 6 jaw radial vise
- ◆ Will notch over 75°
- ◆ 1-1/4" hardened Thomson shaft with replaceable tips
- ◆ Slotted carriage for offset notches (no shims)
- ◆ Patent #8,734.066

# Tube & Pipe Notchers – TN-300

OPTIONAL HOLE SAWS	
SKU	Description
<b>For Round Tube</b>	
1004729	9/16" Round Tube Hole Saw – 1/2 x 20 Thread
1004730	5/8" Round Tube Hole Saw – 1/2 x 20 Thread
1004732	3/4" Round Tube Hole Saw – 1/2 x 20 Thread
1004734	1" Round Tube Hole Saw – 1/2 x 20 Thread
1004735	1-1/8" Round Tube Hole Saw – 1/2 x 20 Thread
1004737	1-1/4" Round Tube Hole Saw – 5/8 x 18 Thread
1004738	1-3/8" Round Tube Hole Saw – 5/8 x 18 Thread
1004740	1-1/2" Round Tube Hole Saw – 5/8 x 18 Thread
1004741	1-3/4" Round Tube Hole Saw – 5/8 x 18 Thread
1004743	2" Round Tube Hole Saw – 5/8 x 18 Thread
1004744	2-1/8" Round Tube Hole Saw – 5/8 x 18 Thread
1004745	2-1/4" Round Tube Hole Saw – 5/8 x 18 Thread
1004747	2-1/2" Round Tube Hole Saw – 5/8 x 18 Thread
1004748	2-3/4" Round Tube Hole Saw – 5/8 x 18 Thread
1004749	3" Round Tube Hole Saw – 5/8 x 18 Thread
<b>For Round Pipe</b>	
1004728	1/2" Round Pipe Hole Saw – 12 x 20 Thread
1004731	3/4" Round Pipe Hole Saw – 1/2 x 20 Thread
1004733	1" Round Pipe Hole Saw – 5/8 x 18 Thread
1004736	1-1/4" Round Pipe Hole Saw – 5/8 x 18 Thread
1004739	1-1/2" Round Pipe Hole Saw – 5/8 x 18 Thread
1004742	2" Round Pipe Hole Saw – 5/8 x 18 Thread
1004746	2-1/2" Round Pipe Hole Saw – 5/8 x 18 Thread

**DON'T FORGET THE  
HOLE SAWS!**

*Shown with  
optional hole saw*



SPECIFICATIONS – TN-300		
Notching Capacity (OD)	5/8" – 3"	15.875 mm – 76.2 mm
Angle Adjustment	Infinite	
Motor HP	.5 HP	
Power Requirements	110V	
Shipping Dimensions (L x W x H)	32" x 24" x 24"	813 mm x 607 mm x 607 mm
Shipping Weight	190 lbs.	87 kgs.

*Specifications subject to change without notice.*

## TN-300

- ◆ Notches up to 3" OD (with optional hole saws)
- ◆ Uses commercially available hole saws
- ◆ Miter notch up to 60°
- ◆ Bench mounted
- ◆ 110V operation

# Tube & Pipe Notchers – TN-400 / TN-600

SPECIFICATIONS – TN-400		
Notching Capacity (OD)	.75" – 2"	19.05 mm – 50.8 mm
Angle Adjustment	0 – 60°	
Belt Size	4" x 79"	101.6 mm x 2006.6 mm
Belt Speed	5420 FPM	
Motor HP	3 HP	
Power Requirements	220V 1-Phase	
Shipping Dimensions (L x W x H)	60" x 44" x 60"	1524 mm x 1118 mm x 1524 mm
Shipping Weight	450 lbs.	205 kgs.

Specifications subject to change without notice.

- ◆ 4" Abrasive type notcher
- ◆ Lever feed (with adjustable stop)
- ◆ Includes 1-1/4" pipe mandrel
- ◆ Notches up to 2" OD (with optional mandrel)
- ◆ 220V single phase

OPTIONAL TOOLING	
Description	
Available Mandrel Sizes for TN-400/600	
<b>For Round Tube</b>	
3/4" Round Tube	
7/8" Round Tube	
1" Round Tube	
1-1/8" Round Tube	
1-3/16" Round Tube	
1-1/4" Round Tube	
1-3/8" Round Tube	
1-1/2" Round Tube	
1-5/8" Round Tube	
1-3/4" Round Tube	
1-7/8" Round Tube	
2" Round Tube	
2-1/4" Round Tube	
2-1/2" Round Tube	
2-3/4" Round Tube	
3" Round Tube	
<b>For Round Pipe</b>	
3/4" Round Pipe	
1" Round Pipe	
1-1/4" Round Pipe	
1-1/2" Round Pipe	
2" Round Pipe	

SPECIFICATIONS – TN-600		
Notching Capacity (OD)	.75" – 3"	19.05 mm – 76.2 mm
Angle Adjustment	0 – 60°	
Belt Size	6" x 79"	152.4 mm x 2006.6 mm
Belt Speed	5400 FPM	
Motor HP	5 HP	
Power Requirements	220V 1-Phase	
Shipping Dimensions (L x W x H)	78" x 48" x 52"	1981 mm x 1219 mm x 1321 mm
Shipping Weight	475 lbs.	216 kgs.

Specifications subject to change without notice.

- ◆ 6" Abrasive type notcher
- ◆ Utilizes 4" or 6" belts (6" standard)
- ◆ Lever feed (with adjustable stop)
- ◆ Includes 1-1/4" pipe size mandrel
- ◆ Notches up to 3" OD (with optional mandrel)
- ◆ 220V single phase

**DON'T FORGET THE BELTS!**



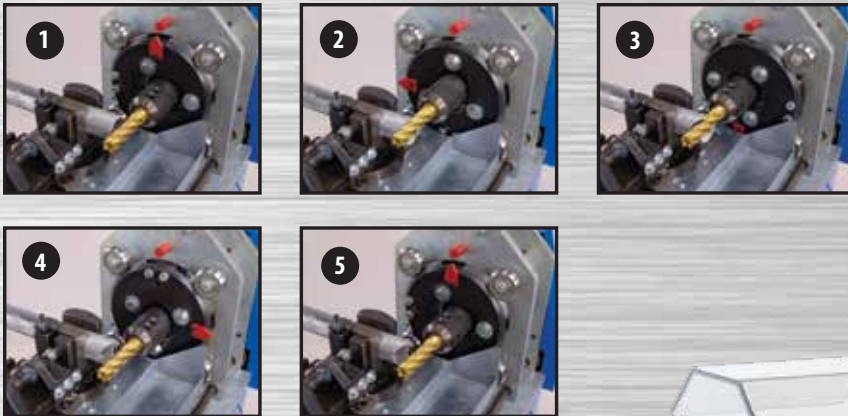
TN-400



TN-600



# Tube & Pipe Notchers – TN-800



Set to desired OD. Turn hand wheel counter clock-wise.  
One revolution per weld joint with out the need to change end mills regardless of the notch size.

**PERFECT  
WELD JOINT**



SPECIFICATIONS – TN-800		
Notching Capacity (OD)	.5" (Optional) – 3"	12.7 mm – 76.2 mm
Angle Adjustment	0 – 60°	
End Mill Size	1" Standard / 1/2" Optional	
Mill Speed	177 rpm	
Motor HP	1 HP	
Power Requirements	110V	
Shipping Dimensions (L x W x H)	66" x 44" x 60"	1676 mm x 1118 mm x 1524 mm
Shipping Weight	610 lbs.	278 kgs.

*Specifications subject to change without notice.*

- ◆ End mill style notcher
- ◆ Fast, easy, and clean
- ◆ Notches 1" to 3" OD with standard tooling
- ◆ Fully adjustable miter and offset notching to 60°
- ◆ Cart mounted with easy roll casters
- ◆ Patent No. 6,435,783
- ◆ 110V operation

OPTIONAL END MILLS	
SKU	Description
1006278	1/2" Endmill and Adapter for TN-800
1006269	1/2" Endmill, For TN-800 – 1/2" x 2 1/2" Shank Four Flute
1006267	1" Notching End Mill for TN-800, Tin Coated, 4" Cutting Area
1006266	1" Notching End Mill for TN-800, Tin Coated, 6" Cutting Area
1006386	1" Notching End Mill for Stainless Steel Applications on TN-800, 4" Cutting Area

# Rotary Draw Benders – RDB-10 / RDB-25

SPECIFICATIONS – RDB-10		
Included Die Sets	1/4 x 3D	6.350 mm x 3D
	1/4 x 5D	6.350 mm x 5D
	5/16 x 3D	7.938 mm x 3D
	5/16 x 5D	7.938 mm x 5D
	3/8 x 3D	9.525 mm x 3D
	3/8 x 5D	9.525 mm x 5D
	1/2 x 3D	12.7 mm x 3D
	1/2 x 5D	12.7 mm x 5D
	5/8 x 3D	15.875 mm x 3D
	5/8 x 5D	15.875 mm x 5D
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	43" x 17" x 20"	1.092 mm x 432 mm x 508 mm
Shipping Weight	135 lbs.	62 kgs.

Specifications subject to change without notice.



RDB-10

- ◆ Perfect for bending small diameter tubing
- ◆ Can bend to 180 degrees
- ◆ Includes dies for 3xD and 5xD bends
- ◆ Heavy duty stand
- ◆ Tooling rack included



RDB-25

SPECIFICATIONS – RDB-25		
Capacities		
Round Tube	7/8"	22.225 mm
Square Tube	1"	25.4 mm
Wall Thickness	.047"	1.194 mm
Bend Angle	180°	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	25" x 15" x 6.5"	635 mm x 381 mm x 165 mm
Shipping Weight	61 lbs.	28 kgs.

Specifications subject to change without notice.

- ◆ Can bend round and square tube
- ◆ Includes dies for 3/8" x 2" CLR, 1/2" x 2.25" CLR, 9/16" x 2.5" CLR, 5/8" x 3" CLR, 3/4" x 4.0" CLR, 7/8" x 4.25" CLR round and 3/4" x 3.75 CLR, 1" x 4.25" CLR square tube
- ◆ Full cast iron construction
- ◆ Can be bench or pedestal mounted
- ◆ Includes convenient carrying case

# Rotary Draw Benders – RDB-050



Specifications – RDB-050		
Mild Steel Pipe (Schedule 40)	Call for Details	Call for Details
Aluminum Pipe (Schedule 40)	Call for Details	Call for Details
Stainless Steel Pipe (Schedule 40)	Call for Details	Call for Details
Mild Steel Round Tube (Wall)	2.50" (.120)	64 mm x 3 mm
Aluminum Round Tube (Wall)	2.50" (.120)	64 mm x 3 mm
Stainless Steel Round Tube (Wall)	2.00" (.120)	50 mm x 3 mm
Chromolly Round Tube (Wall)	2.00" (.120)	50 mm x 3 mm
Mild Steel Solid Rod	1.0"	25 mm
Mild Steel Square Tube (Wall)	N/A	N/A
Minimum OD	.75"	19 mm
Maximum Speed to 180 Degrees	N/A	N/A
Maximum Center Line Radius (CLR)	7.00"	176 mm
Minimum CLR	3.00"	76 mm
Power Requirements	N/A	N/A
Weight (Lbs.)	290	132 kg.
Length	44.00"	1118 mm
Width	27.00"	686 mm
Height	42.00"	1067 mm

Specifications subject to change without notice.

The RDB-050 is a manually operated Tube Bender with huge capacity at an economical price.

- ◆ Dies available for 90 or 180 degrees
- ◆ Replaceable bronze bushings at all pivot points
- ◆ Three bending speeds
- ◆ 180 degree bends, without repining the die
- ◆ Anti-spring back mechanism included
- ◆ Integrated degree dial included
- ◆ Quick change hook sleeve inserts, no u-straps
- ◆ US patent no. 8,171,705

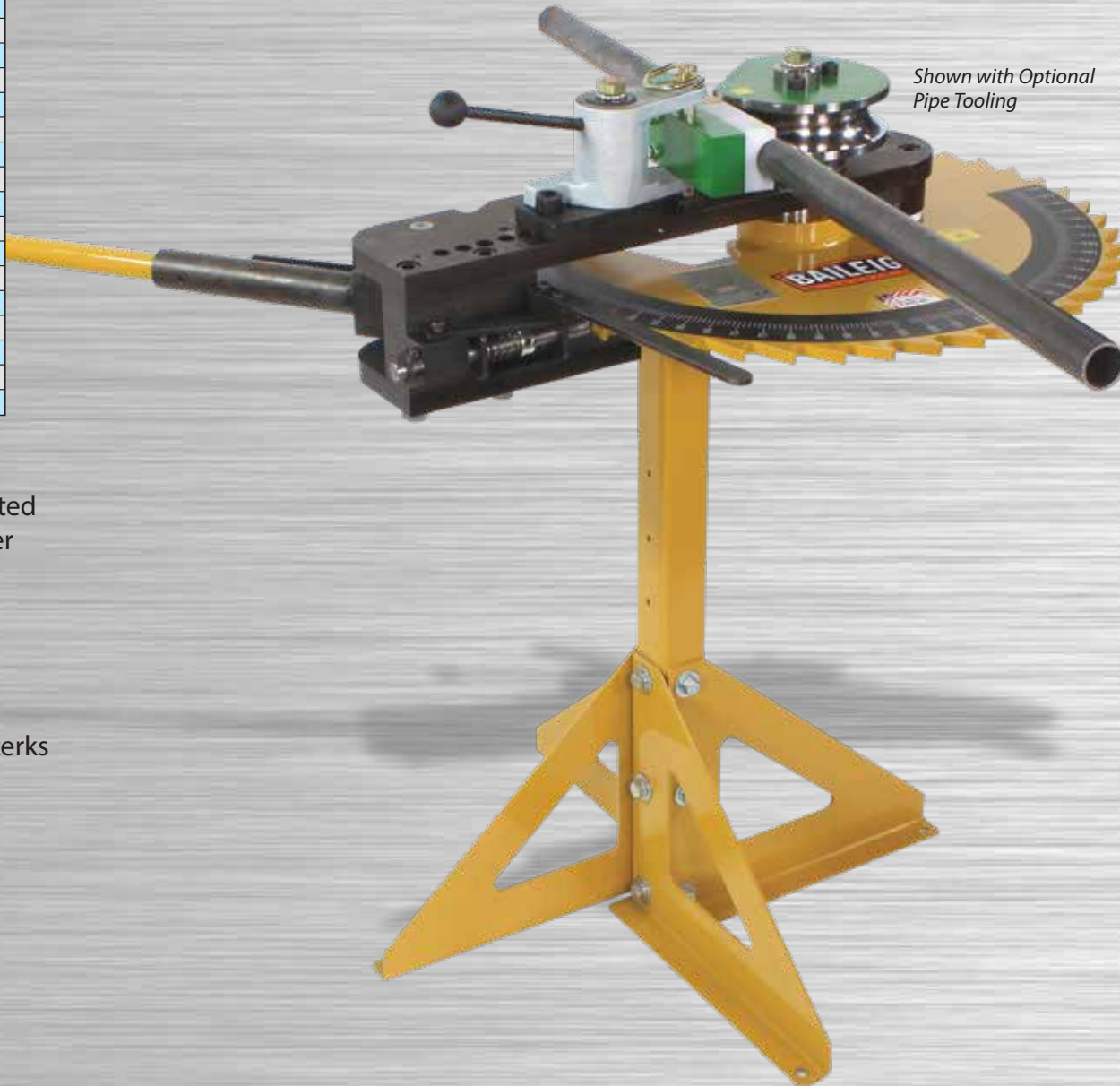
# Rotary Draw Benders – RDB-100

Specifications – RDB-100		
Mild Steel Pipe (Schedule 40)	1.00"	33.4 mm x 3.4 mm
Aluminum Pipe (Schedule 40)	1.00"	33.4 mm x 3.4 mm
Stainless Steel Pipe (Schedule 40)	.75"	27 mm
Mild Steel Round Tube (Wall)	1.75" (.083)	45 mm x 2 mm
Aluminum Round Tube (Wall)	2.00" (.125)	50 mm x 3 mm
Stainless Steel Round Tube (Wall)	1.50" (.083)	38 mm x 2 mm
Chromolly Round Tube (Wall)	1.50" (.083)	38 mm x 2 mm
Mild Steel Solid Rod	1.00"	25 mm
Mild Steel Square Tube (Wall)	1.00" (.125)	25 mm x 3 mm
Minimum OD	.25"	6 mm
Maximum Speed to 180 Degrees	N/A	N/A
Maximum Center Line Radius (CLR)*	10.50"	267 mm
Minimum CLR	.50"	13 mm
Power Requirements	N/A	N/A
Weight (Lbs.)	290	132 kg.
Length	42.00"	1067 mm
Width	22.00"	560 mm
Height	42.00"	1067 mm

\*Maximum CLR dependent on material outside diameter.  
Specifications subject to change without notice.

The RDB-100 is a manually operated *professional* Tube and Pipe Bender intended for production work.

- ◆ Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- ◆ Replaceable bronze bushings at all pivot points with grease zerks
- ◆ Two speeds
- ◆ 180 degree one-shot bending for lighter materials
- ◆ Anti-spring back mechanism included
- ◆ Integrated degree dial with bend indicator included
- ◆ Stand and handle included
- ◆ Infinite tooling possibilities



# Rotary Draw Benders – RDB-125



Shown with Optional  
Pipe Tooling

## Specifications – RDB-125

Mild Steel Pipe (Schedule 40)	2.00"	60 mm x 4 mm
Aluminum Pipe (Schedule 40)	2.00"	60 mm x 4 mm
Stainless Steel Pipe (Schedule 40)	1.50"	48 mm x 3 mm
Mild Steel Round Tube (Wall)	2.50" (.125)	64 mm x 3 mm
Aluminum Round Tube (Wall)	2.50" (.156)	64 mm x 4 mm
Stainless Steel Round Tube (Wall)	2.375" (.125)	60 mm x 3 mm
Chromolly Round Tube (Wall)	2.00" (.125)	50 mm x 3 mm
Mild Steel Solid Rod	1"	25 mm
Mild Steel Square Tube (Wall)	2.00" (.125)	50 mm x 3 mm
Minimum OD	.25"	6 mm
Maximum Speed to 180 Degrees	N/A	N/A
Maximum Center Line Radius (CLR)*	10.50"	267 mm
Minimum CLR	.50"	13 mm
Power Requirements	110V	220V, 1Ph, 50Hz
Weight (Lbs.)	350	160 kg.
Length	42.00"	1067 mm
Width	22.00"	560 mm
Height	42.00"	1067 mm

\*Maximum CLR dependent on material outside diameter.  
Specifications subject to change without notice.

Based on our RDB-100, the RDB-125 is the perfect bender for the fabricator that wants a powered bender on a budget.

- ◆ Low pressure industrial grade hydraulic system
- ◆ Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- ◆ Replaceable bronze bushings at all pivot points with grease zerks
- ◆ Anti-spring back mechanism included
- ◆ Integrated degree dial with bend indicator included
- ◆ Infinite tooling possibilities
- ◆ Foot pedal operation
- ◆ 110V

# Rotary Draw Benders – RDB-150

Specifications – RDB-150		
Mild Steel Pipe (Schedule 40)	2.00"	60 mm x 4 mm
Aluminum Pipe (Schedule 40)	2.00"	60 mm x 4 mm
Stainless Steel Pipe (Schedule 40)	1.50"	48 mm x 3 mm
Mild Steel Round Tube (Wall)	2.50" (.125)	64 mm x 3 mm
Aluminum Round Tube (Wall)	2.50" (.156)	64 mm x 4 mm
Stainless Steel Round Tube (Wall)	2.375" (.125)	60 mm x 3 mm
Chromolly Round Tube (Wall)	2.00" (.125)	50 mm x 3 mm
Mild Steel Solid Rod	1"	25 mm
Mild Steel Square Tube (Wall)	2.00" (.125)	50 mm x 3 mm
Minimum OD	.25"	6 mm
Maximum Speed to 180 Degrees	30 Sec.	30 Sec.
Maximum Center Line Radius (CLR)*	9.50"	241 mm
Minimum CLR	.50"	13 mm
Power Requirements	110V	220V, 1Ph, 50Hz
Weight (Lbs.)	600	272 kg.
Length	44.00"	1118 mm
Width	28.00"	711 mm
Height	42.00"	1067 mm

\*Maximum CLR dependent on material outside diameter.  
Specifications subject to change without notice.

The original 180 degree hydraulic tube and pipe bender. Perfect for the small fab shop that wants to up its level of productivity without breaking the bank.

- ◆ Bends to 180 degrees in one shot
- ◆ Low pressure industrial grade hydraulic system
- ◆ Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- ◆ Replaceable bronze bushings at all pivot points with grease zerks
- ◆ Degree dial with bend indicator included
- ◆ Infinite tooling possibilities
- ◆ Portable ◆ Foot pedal operation
- ◆ 110V

*Shown with Optional Square Tooling*



# Rotary Draw Benders – RDB-150-AS

*Shown with Optional  
Square Tooling*



## Specifications – RDB-150-AS

Mild Steel Pipe (Schedule 40)	2.00"	60 mm x 4 mm
Aluminum Pipe (Schedule 40)	2.00"	60 mm x 4 mm
Stainless Steel Pipe (Schedule 40)	1.50"	48 mm x 3 mm
Mild Steel Round Tube (Wall)	2.50" (.125)	64 mm x 3 mm
Aluminum Round Tube (Wall)	2.50" (.156)	64 mm x 4 mm
Stainless Steel Round Tube (Wall)	2.375" (.125)	60 mm x 3 mm
Chromolly Round Tube (Wall)	2.00" (.125)	50 mm x 3 mm
Mild Steel Solid Rod	1"	25 mm
Mild Steel Square Tube (Wall)	2.00" (.125)	50 mm x 3 mm
Minimum OD	.25"	6 mm
Maximum Speed to 180 Degrees	30 Sec.	30 Sec.
Maximum Center Line Radius (CLR)*	9.50"	241 mm
Minimum CLR	.50"	13 mm
Power Requirements	110V	220V, 1Ph, 50Hz
Weight (Lbs.)	600	272 kg.
Length	44.00"	1118 mm
Width	28.00"	711 mm
Height	42.00"	1067 mm

\*Maximum CLR dependent on material outside diameter.  
Specifications subject to change without notice.

Available in both auto-stop and non auto-stop versions, the RDB-150 is the perfect bender for small to medium fabrication shops.

- ◆ Optional auto stop for bend repeatability
- ◆ Bends to 180 degrees in one shot
- ◆ Low pressure industrial grade hydraulic system
- ◆ Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- ◆ Replaceable bronze bushings at all pivot points with grease zerks
- ◆ Degree dial with bend indicator included
- ◆ Infinite tooling possibilities
- ◆ Portable ◆ Foot pedal operation
- ◆ 110V

# Rotary Draw Benders – RDB-175

Specifications – RDB-175		
Mild Steel Pipe (Schedule 40)	2.00"	60 mm x 4 mm
Aluminum Pipe (Schedule 40)	2.00"	60 mm x 4 mm
Stainless Steel Pipe (Schedule 40)	1.50"	48 mm x 3 mm
Mild Steel Round Tube (Wall)	2.50" (.125)	64 mm x 3 mm
Aluminum Round Tube (Wall)	2.50" (.156)	64 mm x 4 mm
Stainless Steel Round Tube (Wall)	2.375" (.125)	60 mm x 3 mm
Chromolly Round Tube (Wall)	2.00" (.125)	50 mm x 3 mm
Mild Steel Solid Rod	1"	25 mm
Mild Steel Square Tube (Wall)	2.00" (.125)	50 mm x 3 mm
Minimum OD	.25"	6 mm
Maximum Speed to 180 Degrees	12 Sec.	12 Sec.
Maximum Center Line Radius (CLR)*	9.00"	229 mm
Minimum CLR	.50"	13 mm
Power Requirements	110V	220V, 1Ph, 50Hz
Weight (Lbs.)	630	286 kg.
Length	44.00"	1118 mm
Width	28.00"	711 mm
Height	42.00"	1067 mm

\*Maximum CLR dependent on material outside diameter.  
Specifications subject to change without notice.

The RDB-175 starts where the RDB-150 left off. Years of experience allowed Baileigh Industrial to improve and add features that customers have been asking for. Features that are so unique the machine is patented.

- ◆ Ratchet counter die positioner
- ◆ 2x faster than standard

RDB-150 (12-seconds to 180 degrees)

- ◆ Foot pedal operation
- ◆ Bends to 180 degrees in one shot
- ◆ Low pressure industrial grade hydraulic system
- ◆ Uses standard Baileigh Industrial drop on die sets for fast tooling changes

- ◆ Replaceable bronze bushings at all pivot points with grease zerks
- ◆ Digital readout for bend repeatability included
- ◆ Infinite tooling possibilities
- ◆ US patent no. 7,380,430
- ◆ US patent no. 7,743,636
- ◆ 110V



Digital Auto Stop



Shown with Optional Pipe Tooling

# Rotary Draw Benders – RDB-250

The RDB-250 is the first in Baileigh Industrial's line of Computer Controlled Tube and Pipe Benders. It offers features that only benders double the price have.

- ◆ Computer programmable
- ◆ Programmer holds 170 jobs with 10-bends per job
- ◆ Color touch-screen

- ◆ Can bend 360 degrees left or right (with optional tooling)
- ◆ Six bending speeds
- ◆ Fast, 9 Seconds to 180 degrees
- ◆ 9.0" (229 mm) maximum centerline radius
- ◆ Accepts optional positioning table
- ◆ Portable

*Shown with Optional Pipe Tooling*



*Touchscreen programmer*

Specifications – RDB-250		
Mild Steel Pipe (Schedule 40)	2.00"	60 mm x 4 mm
Aluminum Pipe (Schedule 40)	2.00"	60 mm x 4 mm
Stainless Steel Pipe (Schedule 40)	1.50"	48 mm x 3 mm
Mild Steel Round Tube (Wall)	2.50" (.125)	64 mm x 3 mm
Aluminum Round Tube (Wall)	2.50" (.156)	64 mm x 4 mm
Stainless Steel Round Tube (Wall)	2.375" (.125)	60 mm x 3 mm
Chromolly Round Tube (Wall)	2.00" (.125)	50 mm x 3 mm
Mild Steel Solid Rod	1"	25 mm
Mild Steel Square Tube (Wall)	2.00" (.125)	50 mm x 3 mm
Minimum OD	.25"	6 mm
Maximum Speed to 180 Degrees	9 Sec.	9 Sec.
Maximum Center Line Radius (CLR)*	9.00"	229 mm
Minimum CLR	.50"	13 mm
Power Requirements	220V (1Ph)	220V, 1Ph, 50Hz
Weight (Lbs.)	610	278 kg.
Length	40.00"	1016 mm
Width	32.00"	813 mm
Height	43.00"	1092 mm

\*Maximum CLR dependent on material outside diameter.  
Specifications subject to change without notice.

# Rotary Draw Benders – RDB-325

Specifications – RDB-325		
Mild Steel Pipe (Schedule 80)	2.00"	60 mm x 5.5 mm
Aluminum Pipe (Schedule 80)	2.50"	73 mm x 5.5 mm
Stainless Steel Pipe (Schedule 40)	2.00"	60 mm x 4 mm
Mild Steel Round Tube (Wall)	3.00" (.095)	76 mm x 2.5 mm
Aluminum Round Tube (Wall)	3.00" (.203)	76 mm x 5 mm
Stainless Steel Round Tube (Wall)	3.00" (.095)	76 mm x 2.5 mm
Chromolly Round Tube (Wall)	3.00" (.083)	76 mm x 2 mm
Mild Steel Solid Rod	1.25"	32 mm
Mild Steel Square Tube (Wall)	2.00" (.125)	50 mm x 3 mm
Minimum OD	.25"	6 mm
Maximum Speed to 180 Degrees	10 Sec.	10 Sec.
Maximum Center Line Radius (CLR)*	16.50"	419 mm
Minimum CLR	.50"	13 mm
Power Requirements	220V (1Ph)	400V, 3Ph, 50Hz
Weight (Lbs.)	1,200	545 kg.
Length	60.00"	1524 mm
Width	32.00"	813 mm
Height	48.00"	1220 mm

\*Maximum CLR dependent on material outside diameter.  
Specifications subject to change without notice.

The RDB-325 is the newest addition to the Baileigh Industrial Tube and Pipe Bender lineup and bridges the gap between the popular RDB-250 and the workhorse of the line up the RDB-350.

- ◆ Computer programmable
- ◆ Programmer holds 170 jobs with 10-bends per job
- ◆ Color touch-screen

- ◆ Can bend 360 degrees left or right (with optional tooling)
- ◆ Six bending speeds
- ◆ Fast, 10-seconds to 180 degrees
- ◆ 16.5" (419 mm) maximum centerline radius
- ◆ Accepts optional positioning table
- ◆ Portable

*Shown with Optional Pipe Tooling*



*Touchscreen programmer*



# Rotary Draw Benders – RDB-350-TS

The RDB-350-TS is the workhorse of the Baileigh Industrial line of Tube and Pipe Benders. It will be able to handle almost any job thrown its way.

- ◆ Computer programmable
- ◆ Easy to use color touch-screen controls
- ◆ Programmer holds 170 jobs with 10-bends per job

- ◆ Can bend 360 degrees left or right (with optional tooling)
- ◆ Quick release counter die system
- ◆ Fast, 16-seconds to 180 degrees
- ◆ 24" (610 mm) maximum centerline radius
- ◆ Accepts optional positioning table



*Shown with Optional Tube Tooling*



*Touchscreen programmer*



*Heavy Duty Counter Die Holder*



*Quick Release Counter Die*

Specifications –RDB-350-TS		
Mild Steel Pipe (Schedule 40)	2.50"	73 mm x 5 mm
Aluminum Pipe (Schedule 40)	3.00"	89 mm x 5 mm
Stainless Steel Pipe (Schedule 40)	2.00"	60 mm x 4 mm
Mild Steel Round Tube (Wall)	3.00" (.187)	76 mm x 5 mm
Aluminum Round Tube (Wall)	3.50" (.250)	89 mm x 6.5 mm
Stainless Steel Round Tube (Wall)	3.00" (.125)	76 mm x 3 mm
Chromolly Round Tube (Wall)	2.50" (.125)	64 mm x 3 mm
Mild Steel Solid Rod	1.75"	45 mm
Mild Steel Square Tube (Wall)	3.00" (.125)	76 mm x 3 mm
Minimum OD	.24"	6 mm
Maximum Speed to 180 Degrees	16 Sec.	16 Sec.
Maximum Center Line Radius (CLR)*	24.00"	610 mm
Minimum CLR	.50"	13 mm
Power Requirements	220V (3Ph)	400V, 3Ph, 50Hz
Weight (Lbs.)	1500	681 kg.
Length	69.00"	1753 mm
Width	32.00"	813 mm
Height	46.00"	1168 mm

\*Maximum CLR dependent on material outside diameter.  
Specifications subject to change without notice.

# Rotary Draw Benders – RDB-500

Specifications – RDB-500		
Mild Steel Pipe (Schedule 40)	3.00"	89 mm x 5.5 mm
Aluminum Pipe (Schedule 40)	3.50"	102 mm x 6 mm
Stainless Steel Pipe (Schedule 40)	2.50"	73 mm x 5 mm
Mild Steel Round Tube (Wall)	3.00" (.250)	76 mm x 6.5 mm
Aluminum Round Tube (Wall)	3.50" (.250)	89 mm x 6.6 mm
Stainless Steel Round Tube (Wall)	3.50" (.187)	89 mm x 5 mm
Chromolly Round Tube (Wall)	3.50" (.187)	89 mm x 5 mm
Mild Steel Solid Rod	2.00"	50 mm
Mild Steel Square Tube (Wall)	3.00" (.250)	76 mm x 6.5 mm
Minimum OD	.25"	6 mm
Maximum Speed to 180 Degrees	36 Sec.	36 Sec.
Maximum Center Line Radius (CLR)*	20.00"	508 mm
Minimum CLR	.50"	13 mm
Power Requirements	220V (3Ph)	400V, 3Ph, 50Hz
Weight (Lbs.)	1800	820 kg.
Length	70.00"	1778 mm
Width	56.00"	1422 mm
Height	41.00"	1041 mm

\*Maximum CLR dependent on material outside diameter.  
Specifications subject to change without notice.

- ◆ 3" schedule 40 pipe capacity
- ◆ Auto stop for bend repeatability included
- ◆ Bends to 180 degrees in one shot
- ◆ Low pressure industrial grade hydraulic system
- ◆ Uses standard Baileigh Industrial drop on die sets for fast tooling changes
- ◆ Replaceable bronze bushings at all pivot points with grease zerks
- ◆ Infinite tooling possibilities



*Shown with Optional Pipe Tooling*



*Digital Auto Stop*

# Rotary Draw Benders – RDB-480

- ◆ 4" schedule 80 pipe capacity
- ◆ Computer programmable
- ◆ Easy to use touch screen controls
- ◆ Stores 170 bend programs
- ◆ 28" max. CLR
- ◆ Convenient foot pedal operation

*Shown with Optional  
Pipe Tooling*



Specifications – RDB-480		
Motor Hp	10 hp	
Degree of Bend (Max)	190°	
Maximum Speed To 180°	25 Sec.	
Mild Steel Pipe Schedule 80	4"	101.6 mm
Mild Steel Round Tube Wall	5" x .083"	127 mm x 2.1 mm
Bend Direction	Clockwise	
Min. Clr	6"	153 mm
Max. Clr	28"	711 mm
Power	220V 3-Phase	415V 3-Phase 50hz
Shipping Weight	6,000 lbs	2730 kgs
Shipping Dimensions	60" x 44" x 68"	1550 mm x 1120 mm x 1730 mm

Specifications subject to change without notice.



*Color touchscreen  
programmer*

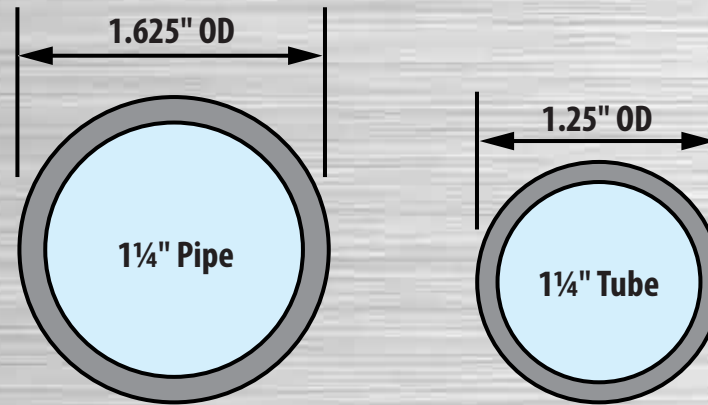
# Rotary Draw Tooling

Baileigh Industrial makes tooling for just about every application possible of rotary draw bending. For this reason, it is important to understand what material you are bending to get the correct die set for your application. Below is a simple description of our tooling to aid you in making this determination.

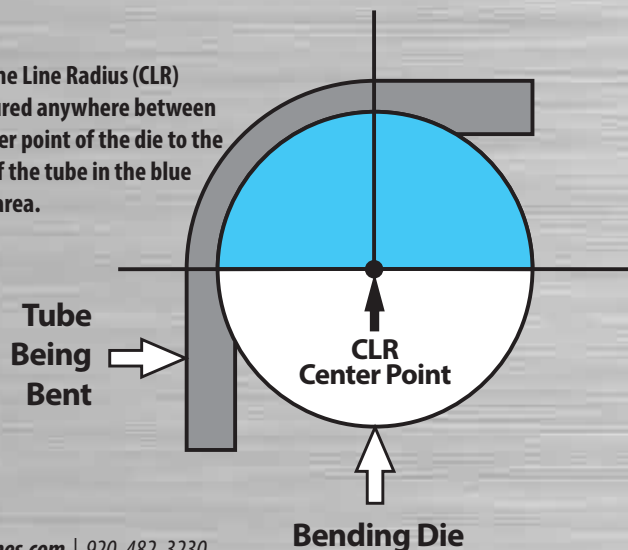
## PIPE Vs TUBE

### What is the difference between Pipe and Tube?

In short: *Tube is measured by outside diameter, pipe is measured by inside diameter.* There is often confusion as to which size die the customer needs - Pipe Size or Tubing Size. Keep in mind that pipe size refers to a nominal - not actual - inside pipe diameter. Schedule refers to the pipe's wall thickness. The actual physical OD is larger than its nominal OD. The dimensions provided for tubing on the other hand refer to the actual outside diameter. In other words, the actual physical OD of a tube is just the same as its nominal OD. The size of a tube will keep the same OD no matter what the wall thickness is. For example: The actual outside diameter of 1¼" pipe is 1.625" - while 1¼" tube has a true 1.25" outside diameter.



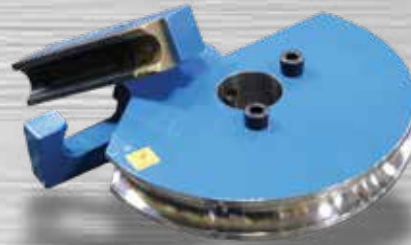
Centerline Line Radius (CLR) is measured anywhere between the center point of the die to the center of the tube in the blue shaded area.



## FINDING CENTERLINE RADIUS

After you have figured out the correct type of material you have (tube, pipe, square, or solid) the next most important aspect of picking the right die is to find the centerline radius, known as CLR, of the part that you are making. All our tooling is based off this dimension and will ensure that you get the fit that you need. Below is an example of different centerline radii to help visualize the difference. If you are unsure of the CLR you need, give one of our helpful technical sales specialists a call at 920-684-4990





## Tube

- ◆ Designated tube by blue color
- ◆ 1018 billet steel forming die
- ◆ Replaceable / Consumable counter die inserts for counter die block
- ◆ Welded / Bolted open side hook arm, for easy tube insertion and removal
- ◆ Non-proprietary spindle bore
- ◆ Optional Roller assemblies for special applications
- ◆ Optional hardened 4140 billet dies for production heavy wall bending, and production stainless bending
- ◆ Metric Sizing available at request

## Pipe

- ◆ Designated pipe by green color
- ◆ 1018 billet steel forming die
- ◆ Replaceable / Consumable counter die inserts for counter die block
- ◆ Welded / Bolted open side hook arm, for easy tube insertion and removal
- ◆ Non-proprietary spindle bore
- ◆ Optional Roller assemblies for special applications
- ◆ Optional hardened 4140 billet dies for production heavy wall bending (sch80 & thicker), and production stainless bending



## Square Tube

- ◆ 1018 billet steel forming die
- ◆ Replaceable / Consumable counter die Plastic slide insert for counter die block
- ◆ Split Die Top Cap with release handles for easy of material release from forming die
- ◆ Welded / Bolted open side hook arm with clamping strap, for easy tube insertion and removal
- ◆ Non-proprietary spindle bore
- ◆ Optional hardened 4140 billet dies for production heavy wall bending
- ◆ Rectangle die configurations available at request.

# Accessories for Bending



## ANGLE FINDER

- ◆ Bend accurately in varying planes
- ◆ 3/4" – 3-1/2" capacity
- ◆ Rugged design for years of dependability
- ◆ Can be used on all non-manual rotary draw benders

SKU 100210



## Inside Radius Gauge

SKU 1004947

## INSIDE AND OUTSIDE RADIUS GAUGES

Perfect for finding unknown radiuses of parts and duplicating them.



## Outside Radius Gauge

SKU 1005905



## ROTARY POSITIONING TABLES

### IDX-10, IDX-15 and IDX-20

- ◆ Available in 10 ft., 15 ft., and 20 ft. lengths
- ◆ Mechanical stops for multiple bend parts
- ◆ Rotary chuck for accurate bends in varying planes
- ◆ 2-1/2" thru-hole allows material longer than the table to be used
- ◆ Linear guide scale
- ◆ For use on the models 250, 325, and 350



## B-Lube

Lube is a necessity when bending pipe or tube. What makes B-Lube the best?

- Contains no hazardous ingredients
- Contains no petroleum oil
- Does not contain chlorine or sulfur
- Spreads evenly and does not run from high temperatures
- Cleans easily in low temperature water base solutions
- Can be welded through without cleaning
- Is environmentally and operator friendly



## UNIVERSAL BEND PLATE

Great for Ornamental Applications



# End Former – TE-300

Included Tooling	1-1/2"	1-3/4"	2"	2-1/4"	2-1/2"	3"
Lock Collar/Collet	1 Set	1 Set	1 Set	1 Set	1 Set	1 Set
Reducer	1 PC	1 PC	1 PC	1 PC	1 PC	1 PC
Swage Expander	1 PC	1 PC	1 PC	1 PC	1 PC	1 PC
Deep Segment Expander	1 PC	1 PC	1 PC	1 PC	1 PC	1 PC
Flanger	1 PC: 1-1/2" to 3"					
Male Ball Joint	4 PC: 1-3/4", 2", 2-1/4", 2-1/2"					
Female Ball Joint	2 PC: 1-3/4" to 2", 2-1/4" to 2-1/2"					
Domer	1 PC: 1-3/4" to 2-1/2"					

## SPECIFICATIONS – TE-300

Maximum OD (Mild Steel)	3"	76.2 mm
Minimum OD (Mild Steel)	1-1/2"	38.1 mm
Hydraulic System	2,300 psi	
Horse Power	4	
Power Requirements	220V 1-Phase	

Specifications subject to change without notice.

- ◆ Perfect for swaging, expanding, flanging, reducing and ball joints
- ◆ 1-1/2" to 3" OD capacity
- ◆ All tooling included
- ◆ Portable
- ◆ 5 HP motor
- ◆ 220V single phase



*Above: tooling ships with machine*

# Exhaust Bender – EB-300

Product Number	Product Description	Quantity
EB300-4001	1-1/2" Round Tube Die, 3" Radius	1
EB300-4002	1-3/4" Round Tube Die, 3" Radius	1
EB300-4003	2" Round Tube Die, 4" Radius	1
EB300-4004	2-1/4" Round Tube Die, 4" Radius	1
EB300-4005	2-1/2" Round Tube Die, 5" Radius	1
EB300-4006	2-1/4" Round Tube Die, 5" Radius	1
EB300-4007	3" Round Tube Die, 5" Radius	1
EB300-4008	2" Round Tube Die, 5" Radius	1
EB300-Die Pins	Die Alignment Pins	38
EB300-Half Shoe Spacer	Spacer for Half Bending Shoes	1
EB300-Full Shoe Spacer	Spacer for Full Length Bending Shoes	2
EB300-4009	1-1/2" Round Tube Full Length Bending Shoe	2
EB300-4010	1-3/4" Round Tube Full Length Bending Shoe	2
EB300-4011	2" Round Tube Full Length Bending Shoe	2
EB300-4012	2-1/4" Round Tube Full Length Bending Shoe	2
EB300-4013	2-1/2" Round Tube Full Length Bending Shoe	2
EB300-4014	3" Round Tube Full Length Bending Shoe	2
EB300-4015	2-1/4" Round Tube Half Length Bending Shoe	1
EB300-4016	2-1/2" Round Tube Half Length Bending Shoe	1
EB300-4017	1-1/2" Round Tube Half Length Bending Shoe	2
EB300-4018	1-3/4" Round Tube Half Length Bending Shoe	2
EB300-4019	2" Round Tube Half Length Bending Shoe	2
EB300-4020	Expander Tip for 1-1/2" to 1-3/4"	1
EB300-4021	Expander Tip for 1-3/4" to 3-1/2"	1
EB300-4022	Die Holder	1
EB300-4025	Pipe Flanger 1-1/2" to 3"	1
EB300-4026	Expander Arbor for 1-3/8" to 3-1/2"	1
EB300-4027	2-1/2" Round Tube Clamp Collet (2 Halves)	1
EB300-4028	2-1/4" Round Tube Clamp Collet (2 Halves)	1
EB300-4029	1-1/2" Round Tube Clamp Collet (2 Halves)	1
EB300-4030	2" Round Tube Clamp Collet (2 Halves)	1
EB300-4031	1-3/4" Round Tube Clamp Collet (2 Halves)	1
EB300-4032	Segment Expander 1-3/4" to 2-1/8" (Red)	1
EB300-4033	Segment Expander 2-1/8" to 2-1/2" (Black)	1
EB300-4034	Segment Expander 2-1/2" to 3" (Green)	1
EB300-4035	1-1/2" Swage Die	1
EB300-4036	1-3/4" Swage Die	1
EB300-4037	1-1/2" Male Ball Die, 2" Swage	1
EB300-4038	2" Male Ball Die, 2-1/4" Swage	1
EB300-4039	2-1/4" Male Ball Die, 2-1/2" Swage	1
EB300-4040	2-1/2" Male Ball Die, 2-3/4" Swage	1
EB300-4041	Female Ball Die, 1-3/4" to 2"	1
EB300-4042	Female Ball Die, 2-1/4" to 2-1/2"	1
EB300-4043	Domer Die 1-3/4" to 2-1/2"	1
EB300-4044	Domer Die 2-5/8" to 2-3/4"	1

Specifications subject to change without notice.

The EB-300 exhaust bender is a powerful machine that comes with standard radius tooling for up to 3" OD. This machine is a compression exhaust pipe bender as it uses one large hydraulic ram to push the inside radius die into the compression assisted outside counter dies. The outside dies have two hydraulic cylinders that applies pressure at the point of bend on the inside radius die. The end result is that the machine can bend light gauge tubing without folding the material in half. The EB-300 also comes with an end former with tooling to expand, flare, and swage the tubing. It also allows the operator to create ball joints and flanges.



- ◆ Includes quick start tooling package
- ◆ Bending capability through 3" OD
- ◆ Bend to 180° on a 5" radius
- ◆ Swaging and expanding box included
- ◆ Quick-change dies
- ◆ Color-coded dies
- ◆ Convenient tooling storage tray
- ◆ Knee control of ram die
- ◆ Integrated degree dial
- ◆ Heavy-duty 4 HP motor
- ◆ 220 volt single phase, 60-cycle



*Above: tooling ships with machine*



# Conduit Bender – ECB-2000



### Specifications –ECB-2000

Bending Capacity	1/2" –2" EMT/Rigid and 1/2" – 1-1/2" IMC conduit	
Power	110V	240V 1-Phase 50hz
Shipping Weight	275 lbs	125 kgs
Shipping Dimensions	60" x 44" x 68"	1550 mm x 1120 mm x 1730 mm

Note: The ECB-2000 is designed to bend IMC, Ridged and EMT conduit only, bending other type of tube and pipe will void warranty.

Specifications subject to change without notice.

- ◆ Includes tooling for 1/2" - 2" EMT/Rigid
- ◆ Includes on site job box for tooling
- ◆ Portable
- ◆ Can operate horizontal and vertical
- ◆ Hand held pendant to control bend functions



# Mandrel Tube Benders – HMB-1125M

SPECIFICATIONS – HMB-1125M		
Capacities Round (OD)		
Mild Steel	1.125" x .065"	28.575 mm x 1.65 mm
Stainless Steel	1.0" x .065"	25.4 mm x 1.65 mm
Max. CLR	4"	101.6 mm
Min. CLR	0.75"	19.05 mm
Max. Bend Angle	200 degrees	
Bend Direction	CW	
Mandrel Rod Size	0.625	15.875 mm
Index Table Length	48"	1220 mm
Bend Ratio	5:01	
Voltage	Manual	
Weight (Lbs.)	500	1100 kgs.
Length	72.00"	1829 mm
Width	44.00"	1120 mm
Height	68.00"	1728 mm

Specifications subject to change without notice.

- ◆ Unique manually operated mandrel bender
- ◆ 1-1/8" round tube capacity
- ◆ 48" extension table
- ◆ 5:1 drive ratio to make bending easier
- ◆ Integrated one way bearing on pull handle for ease of use
- ◆ Fast tooling return
- ◆ Many tooling options



# Mandrel Tube Benders – MB-350

The MB-350 Mandrel Bender is the perfect machine for bending tight radii (down to 1-1/2 times the OD) of round tube and pipe, as well as square tubing.

- ◆ Computer programmable
- ◆ Easy to use touch screen controls
- ◆ Programmer holds 140 Jobs with 10 bends per job
- ◆ Fast, 16-seconds to 180 degrees
- ◆ 10 foot extraction table
- ◆ Rotary positioning carriage with 4 manual stops

- ◆ Round mild steel – 3" OD x .120" wall (76 mm x 3 mm)
- ◆ Round aluminum – 3" OD x .188" wall (76 mm x 5 mm)
- ◆ Round stainless – 3" OD x .065" wall (76 mm x 1.6 mm)
- ◆ Square mild steel – 2" x 2" x .188" (50 mm x 50 mm x 5 mm)
- ◆ Solid bar mild steel – 1.181" OD (30 mm)

SPECIFICATIONS – MB-350		
Capacities Round (OD)		
Mild Steel	3.0" x .120"	76 mm x 3 mm
Stainless Steel	3.0" x .065" wall	76 mm x 1.6 mm
Square Tube (SS & MS)	2.0" x 2.0" x .120" wall	50 mm x 50 mm x 3 mm
Min. Practical Material Data	1"	25 mm
Max CLR	9"	229 mm
Min. CLR	1.5 x dia.	
Bend Direction	Clockwise	
Max. Bend Angle	200 degrees	
Max. Bend Speed	180 degrees in 16 seconds	
Bending HP	4 hp	
Hydraulic HP	5 hp	
Max. Hydraulic Pressure	3000 psi.	
Voltage	230V, 60 hz, 3-phase	
Weight	4,000 lbs.	1819 kgs.
Mandrel Rod Size	1" dia. x 1" – 8 thread	
Index Table Length	10 ft.	3048 mm
Index Chuck Thru Hole	2.4"	61 mm

Specifications subject to change without notice.



*Shown with Optional Tooling*



# Mandrel Tube Benders – MB-4x2

Specifications – MB-4x2		
Working Table Size	Depends on length chosen – 10' and 20' tables available	
Bend Capacity Square	3" x 3" x 11 ga.	76 mm x 75 mm x 2.8 mm
Degree of Bend (Max.)	100°	
Rectangle Capacity (Hard Way)	2" x 4" x 11 ga.	50 mm x 101 mm x 2.8 mm
Bend Direction	Clockwise	
Maximum Bend Speed	90° in 5 Seconds	
Maximum Clr	12"	305 mm
Maximum Hydraulic Pressure	3000 psi	
Hydraulic Motor	5 hp	
Power	220V 3-Phase	415V 3-Phase 50hz
Shipping Weight	275 lbs	125 kgs
Shipping Dimensions	60" x 44" x 68"	1550 mm x 1120 mm x 1730 mm

Note: Must purchase appropriate table in order for machine to function properly!

Specifications subject to change without notice.

Are you sick of outsourcing your square and rectangle mandrel bends? Are you tired of waiting up to 16 weeks for your frame rails? Do you want more control of your own quality, inventory and lead times?

The MB-4X2 has revolutionized the square and rectangle mandrel bending market by providing an American Made bending solution at an affordable price. Geared towards the automotive frame rail market, this compact mandrel bender is a fraction of the size and cost of traditional bending solutions.

- ◆ Capable of bending to 100°
- ◆ Many tooling options capable of bending rectangle the hard way, and easy way, square and round materials, this tube bender is about as versatile as it gets.
- ◆ A full size color touchscreen allows easy programming and endless memory via external USB. Once programmed, the auto sequencing hydraulics eliminate any chance of human error.
- ◆ Early mandrel retraction ensures a smooth bend every time and the encoder based auto-stop is extremely accurate at a speed of 5-10 second @ 90 degrees.
- ◆ An endless tooling library and several table length options, the bender can be customized and engineered around your bending needs.
- ◆ 220V 3-phase



# Mandrel Tube Benders – MB-4x2



# Mandrel Benders

Baileigh Industrial offers an extensive line of Manual, NC, and full CNC Mandrel Benders. The ability to bend down to an incredible ½-D bend radius makes these units perfect for almost any application including aeronautics, marine, automotive, and exhaust bending.

The NC type mandrel tubing benders feature password protected, easy to use numeric programmers in conjunction with mechanical bend positioning stops to ensure fast

and accurate results down to .1 degree. Standard features include hydraulic clamping and production parts counter. Plane of bend positioning is available on selected tube bending units. Baileigh's line of CNC mandrel tubing benders include all of the great features of our NC tube benders with the addition of unlimited programming capabilities through our easy to operate, interactive touch screen control. 3-D simulation of finished parts makes both

prototype and production work easy with these mandrel benders.

Every Baileigh Industrial mandrel tubing bender incorporates a robust, extremely rigid frame for increased accuracy over competitive machines. Accuracy is achievable down to an incredible .1 degree on all Baileigh mandrel tube bending machines. Models range in capacity up to 14" OD (round), as well as square and rectangular tube bending.



**MB-35CNC-R**



**MB-80CNC with Booster**

# Mandrel Benders



**MB-90CNC**



**MB-120CNC**



**MB-220CNC**



**MC-60CNC**



**MBE-80CNC**

# Roll Benders – R-M3 / R-M5

## SPECIFICATIONS – R-M3

Capacities		
Solid Round	.25"	6.35 mm
Flat Bar	1" x .1875"	25.4 mm x 4.763 mm
Minimum Diameter	3"	76.2 mm
Handle Length	13.5"	343 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	15" x 7" x 8"	381 mm x 178 mm x 203 mm
Shipping Weight	18 lbs.	8 kgs.

Specifications subject to change without notice.



R-M3



R-M5

- ◆ Small compact and portable
- ◆ 3 driven rolls
- ◆ Manually powered
- ◆ Includes tooling for flat bar, 1/4" and 1/2" round
- ◆ Perfect for doing small circles
- ◆ Includes heavy duty stand
- ◆ Optional tooling sets for round stock available

## SPECIFICATIONS – R-M5

Capacities		
Solid Round (with optional tooling)	.5"	12.7 mm
Flat Bar	1" x .187"	25.4 mm x 4.75 mm
Minimum Diameter	2.75"	70 mm
Handle Length	9"	229 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	30" x 40" x 18"	762 mm x 1016 mm x 458 mm
Shipping Weight	85 lbs.	38 kgs.

Specifications subject to change without notice.

## OPTIONAL TOOLING

SKU	Description
<b>Tube Tooling</b>	
1007593	1/4" Round Tube Rolls for R-M5
1010069	3/8" Round Tube Rolls for R-M5
1007577	1/2" Round Tube Rolls for R-M5

# Roll Benders – R-M7



The R-M7's small size makes it highly portable and versatile. Although not for rolling circles, it makes quick work of large radius bends.

- ◆ Manual adjustment of top roll
- ◆ Manually powered
- ◆ Portable
- ◆ Includes 1-1/2" OD tooling
- ◆ Quick change lower rolls
- ◆ Excellent for ornamental applications, not intended for circles
- ◆ Many optional tooling sets available

## SPECIFICATIONS – R-M7

Capacity	Size	Min. Radius
Pipe	1.5" / 48 mm	20" / 508 mm
Round Tube	2" / 50 mm	60" / 1,524 mm
Square Tube	2" / 50 mm	70" / 1,778 mm
Rectangle Tube	1 x 2" / 25 x 50 mm	10" / 254 mm
Flat Bar		
Easy Way	1.25" / 32 mm	10" / 254 mm
Roll Adjustment	Manual	
Pinch	Single	
Shaft Center Distance	Adj. (lower rolls)	
Driven Rolls	1	
Speeds	n/a	
Motor	n/a	
Power Requirement	Manual	
Shipping Weight	75 lbs. / 34 kgs.	

*All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.*

## OPTIONAL TOOLING

SKU	Description
<b>Pipe Tooling</b>	
1007463	1/4" Round Pipe (0.54"OD) Rolls for R-M7
1007464	3/8" Round Pipe (0.675"OD) Rolls for R-M7
1007465	1/2" Round Pipe (0.84"OD) Rolls for R-M7
1007466	3/4" Round Pipe (1.05"OD) Rolls for R-M7
1007467	1" Round Pipe (1.315"OD) Rolls for R-M7
1007468	1-1/4" Round Pipe (1.66"OD) Rolls for R-M7
1007469	1-1/2" Round Pipe (1.90"OD) Rolls for R-M7
<b>Tube Tooling</b>	
1007594	1/2" Round Tube Rolls for R-M7
1007595	5/8" Round Tube Rolls for R-M7
1007596	3/4" Round Tube Rolls for R-M7
1007597	7/8" Round Tube Rolls for R-M7
1007598	1" Round Tube Rolls for R-M7
1007599	1-1/8" Round Tube Rolls for R-M7
1007600	1-1/4" Round Tube Rolls for R-M7
1007601	1-3/8" Round Tube Rolls for R-M7
1007602	1-1/2" Round Tube Rolls for R-M7
1007603	1-5/8" Round Tube Rolls for R-M7
1007604	1-3/4" Round Tube Rolls for R-M7
1007605	2" Round Tube Rolls for R-M7
<b>Square Tooling</b>	
1007685	1/4" Square Tube Rolls for R-M7
1007678	1/2" Square Tube Rolls for R-M7
1007679	3/4" Square Tube Rolls for R-M7
1007680	1" Square Tube Rolls for R-M7
1007681	1-1/4" Square Tube Rolls for R-M7
1007682	1-1/2" Square Tube Rolls for R-M7
1007683	1-3/4" Square Tube Rolls for R-M7
1007684	2" Square Tube Rolls for R-M7

# Roll Benders – R-M10 / R-M10E

SPECIFICATIONS – R-M10 / R-M10E		
Capacity	Size	Min. Dia.
Pipe	1" (sch. 40) / 33 (3) mm	28" / 711 mm
Round Tube	1.25" (.078") / 32 (2) mm	31.5" / 800 mm
Square Tube	1.2" (.078") / 30 (2) mm	35" / 889 mm
Angle Iron	1.25" (.157") / 32 (40) mm	30" / 762 mm
Solid Square	.75" / 19 mm	20" / 508 mm
Solid Round	.875" / 22 mm	20" / 508 mm
Flat Bar		
Easy Way	2" / 50 mm	15.75" / 400 mm
Hard Way	1.18" x .39" / 30mm x 9.9mm	19.685" / 500mm
Roll Adjustment	Manual	
Pinch	Single	
Shaft Diameter	1.181" / 30 mm	
Roll Diameter		
Upper	3.86" / 98 mm	
Lower	4.65" / 115 mm	
Shaft Center Distance	6.7" / 170 mm (lower rolls)	
Driven Rolls	2" / 50 mm	
Speeds	n/a	
Motor (R-M10)	n/a	
Motor (R-M10E)	2 hp	
Power Req. (R-M10)	Manual	
Power Req. (R-M10E)	220V 3-Phase	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1,524 x 1,118 x 1,727 mm	
Shipping Wgt. (R-M10)	435 lbs. / 197 kgs.	
Shipping Wgt. (R-M10E)	600 lbs. / 275 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm 2) Tensile Strength – Mild Steel.  
Specifications subject to change without notice.

The R-M10 roller has a powerful manual drive system that allows for complete rings.

- ◆ Manual adjustment of top roll
- ◆ Manually powered
- ◆ Great for doing complete circles
- ◆ Hardened standard tooling for long life
- ◆ A wide array of optional tooling sets are available



R-M10



R-M10E

OPTIONAL TOOLING	
SKU	Description
<b>Pipe Tooling</b>	
1007433	1/2" (21.33mm) Steel Pipe Rolls for R-M10
1007434	3/4" (26.67mm) Steel Pipe Rolls for R-M10
1007435	1" (33.4mm) Steel Round Pipe Rolls For R-M10
1007436	1-1/4" (42.16mm) Steel Pipe Rolls for R-M10
1007437	1-1/2" (48.26MM) Steel Pipe Rolls for R-M10
<b>Tube Tooling</b>	
1007534	3/8" (9.525 mm) Steel Round Tube Rolls for M-10
1007522	1/2" (12.7mm) Steel Round Tube Rolls for M-10
1007523	5/8" (15.875mm) Steel Round Tube Rolls for a R-M10
1007524	3/4" (19.05mm) Steel Round Tube Rolls for a R-M10
1007526	7/8" (22.22 mm) Steel Round Tube Rolls for a R-M10
1007527	1" (25.4mm) Steel Round Tube Rolls for a R-M10
1007528	1-1/8" (28.575mm) Steel Round Tube Rolls for a R-M10
1007529	1-1/4" (31.75mm) Steel Round Tube Rolls for a R-M10
1007530	1-3/8" (34.92mm) Steel Round Tube Rolls for a R-M10
1007531	1-1/2" (38.1mm) Steel Round Tube Rolls for a R-M10
1007532	1-3/4" (44.45mm) Steel Round Tube Rolls for a R-M10
<b>Square Tooling</b>	
1007652	3/4" (19.05mm) Steel Square Tube Rolls for a M-10.
1007653	1" (25.4mm) Steel Square Tube Rolls for a M-10.
1007654	1-1/2" (38.1mm) Steel Square Tube Rolls for a M-10.

- ◆ Manual adjustment of top roll
- ◆ 2 hp motor
- ◆ Great for doing complete circles
- ◆ Hardened tooling for long life
- ◆ Optional tooling available

# Roll Benders – R-M20



- ◆ Heavy duty steel frame
- ◆ Ground and heat treated shafts
- ◆ Foot pedal operation
- ◆ Emergency stop
- ◆ Digital display for top roll
- ◆ Gear driven
- ◆ 110V or 220V 3-phase available
- ◆ Stand included
- ◆ Includes smooth and knurled 1" tube rolls
- ◆ Many optional tooling sets available

SPECIFICATIONS – R-M20		
Capacity	Size	Min. Dia.
Pipe	.5" (sch. 40) / 12.7 (3.6) mm	14" / 355 mm
Round Tube	1" (.0625") / 25.4 (1.58) mm	16" / 405 mm
Square Tube	.75" (.0625") / 19.05 (1.58) mm	12" / 305 mm
Angle Iron	.75" (.125") / 19.05 (3.175) mm	10" / 254 mm
Solid Square	.5" / 12.7 mm	6" / 152.4 mm
Solid Round	.5" / 12.7 mm	5" / 127 mm
Flat Bar		
Easy Way	1.75" / 44.45 mm	12" / 305 mm
Hard Way	1" (.250") / 25.4 (6.35) mm	8" / 203 mm
Roll Adjustment	Manual	
Pinch	Single	
Shaft Diameter	.78" / 20 mm	
Roll Diameter		
Upper	3.38" / 85.8 mm	
Lower	3.38" / 85.8 mm	
Driven Rolls	2	
Speeds	14.5 rpm.	
Motor	1 hp. (110V) 3 hp. (220V)	
Power Requirement	110V and 220V – 3-phase	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1,524 x 1,118 x 1,727 mm	
Shipping Weight	300 lbs. / 137 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

OPTIONAL TOOLING	
SKU	Description
<b>Pipe Tooling</b>	
1007438	1/2" (21.336mm) Steel Round Pipe Rolls for a R-M20
<b>Tube Tooling</b>	
1011152	1/4" (6.35mm) Steel Round Tube Rolls for a R-M20
1011151	3/8" (9.525mm) Steel Round Tube Rolls for a R-M20
1007535	1/2" (12.7mm) Steel Round Tube Rolls for a R-M20
1007536	3/4" (19.05mm) Steel Round Tube Rolls for a R-M20
1007537	1" (25.4mm) Steel Round Tube Rolls for a R-M20
<b>Square Tooling</b>	
1007655	3/4" (19.05mm) Square Steel Rolls for R-M20

# Roll Benders – R-M40

SPECIFICATIONS – R-M40		
Capacity	Size	Min. Dia.
Pipe	1.5" (sch. 40) / 48 (3.6) mm	28" / 711 mm
Round Tube	2" (.078") / 50 (2) mm	27.55" / 700 mm
Square Tube	1.5" (.083") / 38 (2.1) mm	39" / 991 mm
Angle Iron	1.5" (.1875") / 38 (4.7) mm	22" / 558 mm
Solid Square	1.25" / 32 mm	20" / 508 mm
Solid Round	1.375" / 35 mm	24" / 610 mm
Flat Bar		
Easy Way	3" (.5") / 76 (13) mm	15.75" / 400 mm
Hard Way	2.25" (.375") / 57 (9.5) mm	20" / 508 mm
Roll Adjustment	Manual	
Pinch	Single	
Shaft Diameter	1.181" / 30 mm	
Roll Diameter		
Upper	5.118" / 130 mm	
Lower	5.118" / 130 mm	
Shaft Center Distance	10.88" / 276 mm (lower rolls)	
Driven Rolls	2	
Speeds	10.6 – 21.2 rpm. (variable)	
Motor	1.5 hp.	
Power Requirement	220V – 1-phase	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1,524 x 1,118 x 1,727 mm	
Shipping Weight	560 lbs. / 254 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ Manual adjustment of top roll via ratchet
- ◆ Inverter driven
- ◆ Variable speed
- ◆ Overload protected
- ◆ Includes segmented hardened standard rolls
- ◆ Head tilts for vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Many optional tooling sets available

The R-M40 metal ring roller is perfect for rolling various sections such as hoops, coils of tubing, stair railing pipe, and much more.



OPTIONAL TOOLING	
SKU	Description
<b>Pipe Tooling</b>	
1007445	1/2" (12.7mm) Steel Pipe Rolls for R-M40
1007446	3/4" (26.67mm) Steel Pipe Rolls for R-M40
1007447	1" (33.4mm) Steel Pipe Rolls For R-M40
1007448	1-1/4" (42.16mm) Steel Pipe Rolls for R-M40
1007449	1-1/2" (48.26MM) Steel Pipe Rolls for R-M40
<b>Tube Tooling</b>	
1007552	1/2" (12.7mm) Steel Round Tube Rolls for R-M40
1007553	5/8" (15.875mm) Steel Round Tube Rolls for R-M40
1007554	3/4" (19.05mm) Steel Round Tube Rolls for R-M40
1007555	7/8" (22.22 mm) Steel Round Tube Rolls for R-M40
1007556	1" (25.4mm) Steel Round Tube Rolls for R-M40
1007557	1-1/8" (28.575mm) Steel Round Tube Rolls For R-M40
1007558	1-1/4" (31.75mm) Steel Round Tube Rolls for R-M40
1007559	1-3/8" (34.925mm) Steel Round Tube Rolls for R-M40
1007560	1-1/2" (38.1mm) Steel Round Tube Roll for R-M40
1007561	1-5/8" (41.275mm) Steel round Tube Rolls for R-M40
1007562	1-3/4" (44.45mm) Steel Round Tube Rolls for R-M40
1007563	2" (50.8mm) Steel Round Tube Rolls For R-M40
<b>Square Tooling</b>	
1007660	3/4" (19.05mm) Square Steel Rolls for R-M40
1007661	1" (25.4mm) Square Steel Rolls for R-M40
1007662	1-1/4" (31.75mm) Steel Square Rolls For a R-M40
1007663	1-1/2" (38.1mm) Steel Square Rolls For a R-M40
1007664	2" (50.8mm) Steel Square Tube Rolls for R-M40

# Roll Benders – R-M55

OPTIONAL TOOLING	
SKU	Description
<b>Pipe Tooling</b>	
1007456	3/8" (17.145mm) Steel Round Pipe Rolls for R-M55
1007457	1/2" (21.34mm) Steel Round Pipe Rolls for R-M55
1007458	3/4" (26.67mm) Steel Round Pipe Rolls for R-M55
1007459	1" (33.4mm) Steel Round Pipe Rolls for R-M55
1007460	1-1/4" (42.16mm) Steel Round Pipe Rolls for R-M55
1007461	1-1/2" (48.26MM) Steel Round Pipe Roll for R-M55
1007462	2" (60.3mm) Steel Round Pipe Rolls for R-M55
<b>Tube Tooling</b>	
1007578	1/2" (12.7mm) Steel Round Tube Rolls for R-M55
1007579	5/8" (15.875mm) Steel Round Tube Rolls for R-M55
1007580	3/4" (19.05mm) Steel Round Tube Rolls for R-M55
1007581	7/8" (22.225mm) Steel Round Tube Rolls for R-M55
1007582	1" (25.4mm) Steel Round Tube Rolls for R-M55
1007584	1-1/4" (31.75mm) Steel Round Tube Rolls for R-M55
1007585	1-3/8" (34.925mm) Steel Round Tube Rolls for R-M55
1007586	1-1/2" (38.1mm) Steel Round Tube Rolls for R-M55
1007587	1-5/8" (41.275mm) Steel Round Tube Rolls for R-M55
1007588	1-3/4" (44.45mm) Steel Round Tube Rolls for R-M55
1007589	2" (50.8mm) Steel Round Tube Rolls for R-M55
1007590	2-1/4" (57.15mm) Steel Round Tube Rolls for R-M55
1007591	2-1/2" (63.5) Steel Round Tube Rolls for R-M55
<b>Square Tooling</b>	
1007673	1/2" (12.7mm) Steel Square Tube Rolls for R-M55
1007674	1" (25.4mm) Steel Square Tube Rolls for R-M55
1007675	1-1/4" (31.75mm) Steel Square Tube Rolls for R-M55
1007676	1-1/2" (38.1mm) Steel Square Tube Rolls for R-M55
1007677	2" (50.8mm) Steel Square Tube Rolls for R-M55



The R-M55 ring roll bender is a robustly built and powerful pipe roller capable of bending up to 2" Schedule 40 pipe.

SPECIFICATIONS – R-M55		
Capacity	Size	Min. Dia.
Pipe	2" (sch. 40) / 60 (4) mm	40" / 1,016 mm
Round Tube	2.75" (.083") / 70 (2.1) mm	60" / 1,524 mm
Square Tube	2" (.083") / 50 (2.1) mm	48" / 1,219 mm
Angle Iron	2" (.250") / 50 (6.3) mm	28" / 711 mm
Solid Square	1.375" / 35 mm	20" / 508 mm
Solid Round	1.375" / 35 mm	20" / 508 mm
Flat Bar		
Easy Way	4" (.5") / 101 (12.7) mm	20" / 508 mm
Hard Way	2.25" (.375") / 57 (9.5) mm	20" / 508 mm
Roll Adjustment	Manual	
Pinch	Single	
Shaft Diameter	1.968" / 50 mm	
Roll Diameter		
Upper	5.827" / 148 mm	
Lower	5.827" / 148 mm	
Shaft Center Distance	13.12" / 333 mm (lower rolls)	
Driven Rolls	2	
Digital Readout	n/a	
Speeds	13.6 – 27.2 rpm. (variable)	
Motor	1.5 hp.	
Power Requirement	220V – 1-phase	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1524 x 1118 x 1727 mm	
Shipping Weight	925 lbs. / 419 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm 2) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ Manual adjustment of top roll
- ◆ Inverter driven
- ◆ Variable speed
- ◆ Overload protected
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Many optional tooling sets available

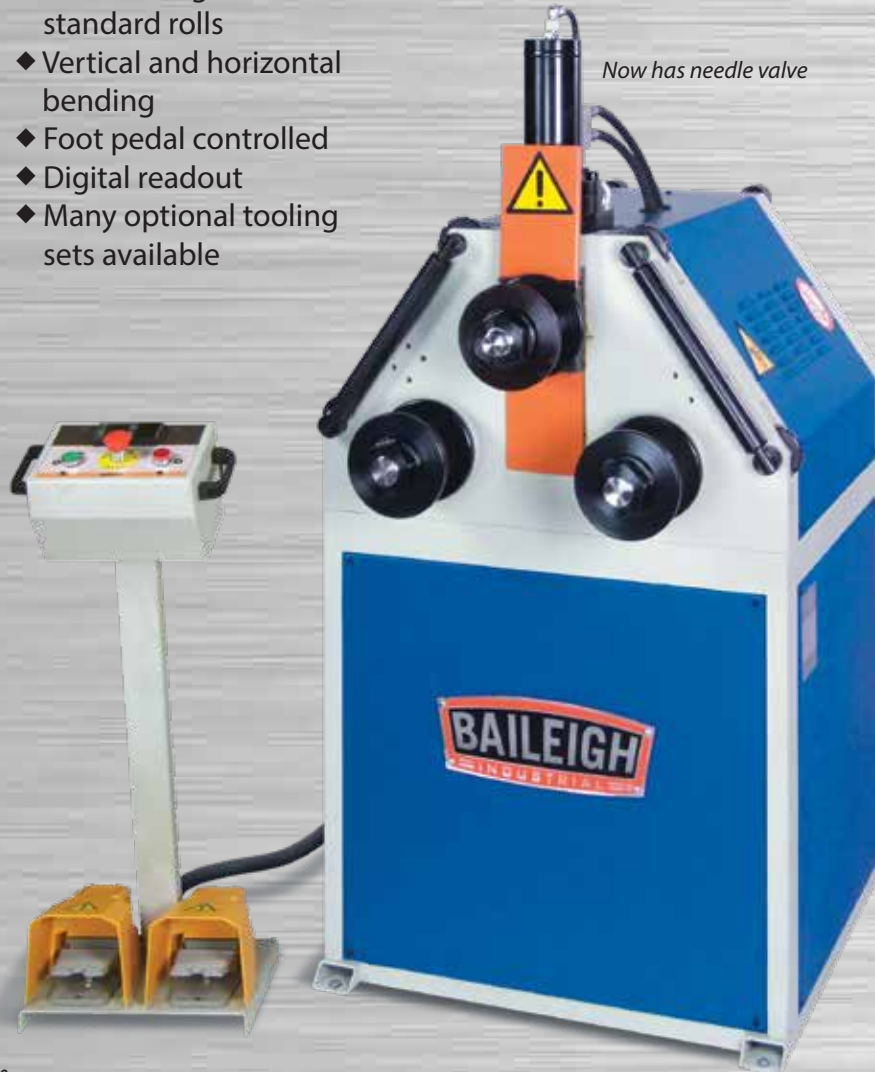
# Roll Benders – R-M55H

SPECIFICATIONS – R-M55H		
Capacity	Size	Min. Dia.
Pipe	2" (sch. 40) / 60 (4) mm	40" / 1,016 mm
Round Tube	2.75" (.083") / 70 (2.1) mm	60" / 1,524 mm
Square Tube	2" (.083") / 50 (2.1) mm	48" / 1,219 mm
Angle Iron	2" (.250") / 50 (6.3) mm	28" / 711 mm
Solid Square	1.375" / 35 mm	20" / 508 mm
Solid Round	1.375" / 35 mm	20" / 508 mm
Flat Bar		
Easy Way	4" (.5") / 101 (12.7) mm	20" / 508 mm
Hard Way	2.25" (.375") / 128.5 (9.5) mm	20" / 508 mm
Roll Adjustment	Hydraulic	
Pinch	Single	
Shaft Diameter	1.968" / 50 mm	
Roll Diameter		
Upper	5.827" / 148 mm	
Lower	5.827" / 148 mm	
Shaft Center Distance	13.12" / 333 mm (lower rolls)	
Driven Rolls	2	
Digital Readout	n/a	
Speeds	13.6 – 27.2 rpm. (variable)	
Motor	1.5 hp.	
Power Requirement	220V – 1-phase	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1524 x 1118 x 1727 mm	
Shipping Weight	1,000 lbs. / 453 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm 2) Tensile Strength – Mild Steel. Specifications subject to change without notice.

Based on the popular R-M55, the R-M55H is perfect for the fabricator who wants a hydraulic top roll adjustment at an economical price.

- ◆ Hydraulic adjustment of top roll
- ◆ Inverter driven
- ◆ Variable speed
- ◆ Overload protected
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout
- ◆ Many optional tooling sets available



OPTIONAL TOOLING	
SKU	Description
<b>Pipe Tooling</b>	
1007456	3/8" (17.145mm) Steel Round Pipe Rolls for R-M55
1007457	1/2" (21.34mm) Steel Round Pipe Rolls for R-M55
1007458	3/4" (26.67mm) Steel Round Pipe Rolls for R-M55
1007459	1" (33.4mm) Steel Round Pipe Rolls for R-M55
1007460	1-1/4" (42.16mm) Steel Round Pipe Rolls for R-M55
1007461	1-1/2" (48.26MM) Steel Round Pipe Roll for R-M55
1007462	2" (60.3mm) Steel Round Pipe Rolls for R-M55
<b>Tube Tooling</b>	
1007578	1/2" (12.7mm) Steel Round Tube Rolls for R-M55
1007579	5/8" (15.875mm) Steel Round Tube Rolls for R-M55
1007580	3/4" (19.05mm) Steel Round Tube Rolls for R-M55
1007581	7/8" (22.225mm) Steel Round Tube Rolls for R-M55
1007582	1" (25.4mm) Steel Round Tube Rolls for R-M55
1007584	1-1/4" (31.75mm) Steel Round Tube Rolls for R-M55
1007585	1-3/8" (34.925mm) Steel Round Tube Rolls for R-M55
1007586	1-1/2" (38.1mm) Steel Round Tube Rolls for R-M55
1007587	1-5/8" (41.275mm) Steel Round Tube Rolls for R-M55
1007588	1-3/4" (44.45mm) Steel Round Tube Rolls for R-M55
1007589	2" (50.8mm) Steel Round Tube Rolls for R-M55
1007590	2-1/4" (57.15mm) Steel Round Tube Rolls for R-M55
1007591	2-1/2" (63.5) Steel Round Tube Rolls for R-M55
<b>Square Tooling</b>	
1007673	1/2" (12.7mm) Steel Square Tube Rolls for R-M55
1007674	1" (25.4mm) Steel Square Tube Rolls for R-M55
1007675	1-1/4" (31.75mm) Steel Square Tube Rolls for R-M55
1007676	1-1/2" (38.1mm) Steel Square Tube Rolls for R-M55
1007677	2" (50.8mm) Steel Square Tube Rolls for R-M55

# Roll Benders – R-H45

With three driven rolls, the R-H45 makes quick work of the hardest applications.

Now has needle valve

OPTIONAL TOOLING	
SKU	Description
<b>Pipe Tooling</b>	
1007395	3/4" (26.67mm) Steel Round Pipe Rolls for R-H45
1007396	1" (33.4mm) Steel Round Pipe Rolls for R-H45
1007397	1-1/4" (42.16mm) Steel Round Pipe Rolls for R-H45
1007398	1-1/2" (48.26mm) Steel Round Pipe Rolls for R-H45
1007399	2" (60.3mm) Steel Round Pipe Rolls for R-H45
<b>Tube Tooling</b>	
1007470	1/2" (12.7mm) Steel Round Tube Rolls for R-H45
1007471	3/4" (19.05mm) Steel Round Tube Rolls for R-H45
1007472	1" (25.4mm) Steel Round Tube Rolls for R-H45
1007473	1-1/4" (31.75mm) Steel Round Tube Rolls for R-H45
1007474	1-3/8" (34.925mm) Steel Round Tube Rolls for R-H45
1007475	1-1/2" (38.1mm) Steel Round Tube Rolls for R-H45
1007476	1-5/8" (41.275mm) Steel Round Tube Rolls for R-H45
1007477	1-3/4" (44.45mm) Steel Round Tube Rolls for R-H45
1007478	2" (50.8mm) Steel Round Tube Rolls for R-H45
1007479	2-1/4" (57.15mm) Steel Round Tube Rolls for R-H45
1007480	2-1/2" (63.5mm) Steel Round Tube Rolls for R-H45
1007481	2-3/4" (69.85mm) Steel Round Tube Rolls for R-H45
<b>Square Tooling</b>	
1007634	1" (25.4mm) Steel Square Tube Rolls for R-H45
1007635	1-1/4" (31.75mm) Steel Square Tube Rolls for R-H45
1007636	1-1/2" (38.1mm) Steel Square Tube Rolls for R-H45
1007637	1-3/4" (44.45mm) Steel Square Tube Rolls for R-H45
1007638	2" (50.8mm) Steel Square Tube Rolls for R-H45



SPECIFICATIONS – R-H45		
Capacity	Size	Min. Dia.
Pipe	2" (sch. 40) / 60 (4) mm	48" / 1,219 mm
Round Tube	2.75" (.083") / 70 (2.1) mm	60" / 1,524 mm
Square Tube	2" (.120") / 50 (3) mm	51" / 1,295 mm
Angle Iron	2" (.250") / 50 (6.3) mm	28" / 711 mm
Solid Square	1.375" / 35 mm	28" / 711 mm
Solid Round	1.5" / 38 mm	28" / 711 mm
Flat Bar		
Easy Way	4" (.75") / 101 (19) mm	28" / 711 mm
Hard Way	3.25" (.375") / 82.5 (9.5) mm	28" / 711 mm
Roll Adjustment	Hydraulic	
Pinch	Single	
Shaft Diameter	1.772" / 45 mm	
Roll Diameter		
Upper	5.827" / 148 mm	
Lower	5.827" / 148 mm	
Shaft Center Distance	9.562" / 242 mm (lower rolls)	
Driven Rolls	3	
Digital Readout	Yes	
Speed	12 rpm.	
Motor	3 hp.	
Power Requirement	220V – 1-phase	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1524 x 1118 x 1727 mm	
Shipping Weight	1,188 lbs. / 538 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ Three driven rolls
- ◆ Hydraulic adjustment of top roll
- ◆ Inverter driven
- ◆ Variable speed
- ◆ Overload protected
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout
- ◆ Many optional tooling sets available

# Roll Benders – R-H55

SPECIFICATIONS – R-H55		
Capacity	Size	Min. Dia.
Pipe	2.5" (sch. 40) / 73 (5) mm	40" / 1,016 mm
Round Tube	2.75" (.118") / 70 (3) mm	72" / 1,828 mm
Square Tube	2.75" (.083") / 70 (2.1) mm	54" / 1,371 mm
Angle Iron	3" (.250") / 76 (6.3) mm	36" / 914 mm
Solid Square	1.75" / 44 mm	28" / 711 mm
Solid Round	2" / 50 mm	28" / 711 mm
Flat Bar		
Easy Way	5" (.75") / 127 (19) mm	28" / 711 mm
Hard Way	3.5" (.675") / 89 (17) mm	32" / 812 mm
Roll Adjustment	Hydraulic	
Pinch	Single	
Shaft Diameter	2.165" / 55 mm	
Roll Diameter		
Upper	6.693" / 170 mm	
Lower	6.693" / 170 mm	
Shaft Center Distance	11.875" / 301 mm (lower rolls)	
Driven Rolls	3	
Digital Readout	Yes	
Speed	11 rpm.	
Motor	5 hp.	
Power Requirement	220V – 3-phase	
Shipping Dimensions (L x W x H)	60" x 44" x 68" / 1524 x 1118 x 1727 mm	
Shipping Weight	1,728 lbs. / 783 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ Three driven rolls
- ◆ Hydraulic adjustments of top roll
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout
- ◆ Many optional tooling sets available

The R-H55 takes the R-H45 to the next level, with a huge 2-1/2" Schedule 40 capacity. It will handle even the toughest jobs.



Now has needle valve

OPTIONAL TOOLING	
SKU	Description
<b>Pipe Tooling</b>	
1007406	3/4" (26.67mm) Steel Round Pipe Rolls for R-H55
1007407	1" (33.4mm) Steel Round Pipe Rolls for R-H55
1007408	1-1/4" (42.16mm) Steel Round Pipe Rolls for R-H55
1007409	1-1/2" (48.26MM) Steel Round Pipe Rolls for R-H55
1007410	2" (60.3mm) Steel Round Pipe Rolls For R-H55
1007411	2-1/2" (73.025mm) Steel Round Pipe Rolls for R-H55
1007412	3" (88.9mm) Steel Round Pipe Rolls for R-H55
<b>Tube Tooling</b>	
1007492	1/2" (12.7mm) Steel Round Tube Rolls for R-H55
1007493	3/4" (19.05mm) Steel Round Tube Rolls for R-H55
1007494	1" (25.4mm) Steel Round Tube Rolls for R-H55
1007495	1-1/4" (31.75mm) Steel Round Tube Rolls for R-H55
1007496	1-3/8" (34.92mm) Steel Round Tube Rolls for R-H55
1007497	1-1/2" (38.1mm) Steel Round Tube Rolls for R-H55
1007498	1-5/8" (41.275mm) Steel Round Tube Roll for R-H55
1007499	1-3/4" (44.45mm) Steel Round Tube Roll for R-H55
1007500	2" (50.8mm) Steel Round Tube Rolls for R-H55
1007501	2-1/4" (57.15mm) Steel Round Tube Rolls for R-H55
1007502	2-1/2" (63.5mm) Steel Round Tube Rolls for R-H55
1009409	2-3/4" (70.025mm) Steel Round Tube Rolls for R-H55
1007503	3" (76.2mm) Steel Round Tube Rolls for R-H55
<b>Square Tooling</b>	
1007643	1/2" (12.7mm) Steel Square Tube Rolls for R-H55
1007644	3/4" (19.05mm) Steel Square Tube Rolls for R-H55
1007645	1" (25.4mm) Steel Square Tube Rolls for R-H55
1007646	1-1/2" (38.1mm) Steel Square Tube Rolls for R-H55
1007647	2" (50.8mm) Steel Square Tube Rolls for R-H55

# Roll Benders – R-H65

- ◆ Three driven rolls
- ◆ Double pinch
- ◆ Overload protected
- ◆ Hydraulic drive
- ◆ Hydraulic guide rolls
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout
- ◆ Many optional tooling sets available



SPECIFICATIONS – R-H65		
Capacity	Size	Min. Dia.
Pipe	2" (sch. 40) / 60 (4) mm	35" / 889 mm
Round Tube	2.75" (.083") / 70 (2.16) mm	56" / 1,422 mm
Square Tube	2" (.120") / 51 (3) mm	75" / 1,905 mm
Angle Iron	2.0" (.250") / 51 (6.35) mm	45" / 1,143 mm
Solid Square	1.375" / 35 mm	48" / 1,220 mm
Solid Round	1.575" / 40 mm	32" / 813 mm
Flat Bar		
Easy Way	4" (.75") / 101 (19) mm	28" / 712 mm
Hard Way	3.25" (.375") / 82.5 (9.5) mm	83" / 2,108 mm
Roll Adjustment	Hydraulic	
Pinch	Double	
Shaft Diameter	2.559" / 65 mm	
Roll Diameter		
Upper	7" / 178 mm	
Lower	7" / 178 mm	
Driven Rolls	3	
Digital Readout	Yes	
Speed	11.5 rpm.	
Motor	6.5 hp.	
Power Requirement	220V – 3-phase	
Shipping Dimensions (L x W x H)	40" x 50" x 55" / 1010 x 1290 x 1400 mm	
Shipping Weight	2,442 lbs. / 1110 kgs.	

*All Specs based on 60,000 PSI (42 Kg/mm 2) Tensile Strength – Mild Steel. Specifications subject to change without notice.*

Call for available tooling – 920-482-3230

# Roll Benders – R-M60-HD

SPECIFICATIONS – R-M60-HD	
Drive Type	Hydraulic
Driven Rolls	3
Roll Adjustment	Manual
Main Drive Motor	5 Hp
Pipe Capacity	2" (sch. 40) / Min. Dia.: 48"
Round Tube Capacity	2.75" (.083") / Min. Dia.: 60"
Square Tube Capacity	2" (.120") / Min. Dia.: 51"
Solid Round Capacity	1.5" / Min. Dia. 28"
Flat Bar Easy Way	4" (.75") / Min. Dia. 28"
Flat Bar Hard Way	3.25" (.375") / Min. Dia.: 32"
Angle Iron Capacity	2" (.250") / Min. Dia.: 36"
Shaft Diameter	2.36"
Shaft Ctr. Dist. Lower Rolls	9.562"
Lower Roll Dia.	5.827"
Pinch	Single
Power	220V Single Phase
Shipping Weight	1,188 lbs.
Shipping Dimensions	60" x 44" x 68"

Specifications subject to change without notice.

Some applications may require optional tooling. Please contact a Technical Sales Specialist at [Baileigh Industrial](http://BaileighIndustrial.com) with specific application details.

- ◆ Made in USA
- ◆ 2" schedule 40 pipe capacity
- ◆ Three driven rolls
- ◆ Hydraulic drive
- ◆ Manual top roll with integrated ratchet
- ◆ Include segmented rolls
- ◆ Vertical and horizontal bending position
- ◆ Foot pedal controlled
- ◆ 220V single phase
- ◆ Many optional tooling sets available



# Roll Benders – R-H60-HD



- ◆ Made in USA
- ◆ 2.5" schedule 40 pipe capacity
- ◆ Three driven rolls
- ◆ Hydraulic drive
- ◆ Hydraulic top roll
- ◆ Include segmented rolls
- ◆ Vertical and horizontal bending position
- ◆ Foot pedal controlled
- ◆ 220V single phase
- ◆ Many optional tooling sets available



SPECIFICATIONS – R-H60-HD	
Drive Type	Hydraulic
Motor Hp	5
Driven Rolls	3
Roll Adjustment	Hydraulic
Pipe Capacity	2.5" (sch. 40) / Min. Dia.: 48"
Round Tube Capacity	2.75" (.083") / Min. Dia.: 60"
Square Tube Capacity	2" (.120") / Min. Dia.: 51"
Solid Round Capacity	1.5" / Min. Dia. 28"
Flat Bar Easy Way	4" (.75") / Min. Dia. 28"
Flat Bar Hard Way	3.25" (.375") / Min. Dia.: 32"
Angle Iron Capacity	2" (.250") / Min. Dia.: 36"
Shaft Diameter	2.36"
Shaft Ctr. Dist. Lower Rolls	9.562"
Lower Roll Dia.	5.827"
Pinch	Single
Power 220V Single Phase	
Shipping Weight	1,188 lbs.
Shipping Dimensions	(Inches) 60" x 44" x 68"

*Specifications subject to change without notice.*

*Some applications may require optional tooling. Please contact a Technical Sales Specialist at Baileigh Industrial with specific application details.*



# Roll Benders – R-H120E

SPECIFICATIONS – R-H120E		
Capacity	Size	Min. Dia.
Pipe	4.5" (sch. 40) / 127 (6) mm	73" / 1,854 mm
Round Tube	5.5" (.120") / 140 (3) mm	118" / 2,997 mm
Square Tube	4" (.196") / 101 (5) mm	118" / 2,997 mm
Angle Iron	4" (.393") / 101 (10) mm	63" / 1,600 mm
Solid Square	2.375" / 60 mm	40" / 1,016 mm
Solid Round	2.75" / 70 mm	32" / 813 mm
Flat Bar		
Easy Way	7.875" (1.375") / 200 (35) mm	40" / 1,016 mm
Hard Way	4" (.984") / 101 (25) mm	63" / 1,600 mm
Roll Adjustment	Hydraulic	
Pinch	Double	
Shaft Diameter	3.937" / 100 mm	
Roll Diameter		
Upper	12.40" / 315 mm	
Lower	12.40" / 315 mm	
Driven Rolls	3	
Digital Readout	Yes	
Speed	5.5 rpm.	
Motor	14.75 hp.	
Power Requirement	220V – 3-phase	
Shipping Dimensions (L x W x H)	63" x 62" x 77" / 1600 x 1575 x 2083 mm	
Shipping Weight	4,975 lbs. / 2257 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ 4.5" schedule 40 pipe capacity
- ◆ Economical
- ◆ Three driven rolls
- ◆ Double pinch
- ◆ Overload protected
- ◆ Hydraulic guide
- ◆ Manually adjustable lateral angle guides
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout with programmable stops
- ◆ Many optional tooling sets available



# Roll Benders – R-H120

With its hydraulic angle tools and large capacity, the R-H120 is a real workhorse.

- ◆ Three driven rolls
- ◆ Double pinch
- ◆ Overload protected

- ◆ Hydraulic drive
- ◆ Hydraulic lateral angle guides
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout
- ◆ Many optional tooling sets available



SPECIFICATIONS – R-H120		
Capacity	Size	Min. Dia.
Pipe	4.5" (sch. 40) / 127 (6) mm	73" / 1,854 mm
Round Tube	5.5" (.120") / 140 (3) mm	118" / 2,997 mm
Square Tube	4" (.196") / 101 (5) mm	118" / 2,997 mm
Angle Iron	4" (.393") / 101 (10) mm	63" / 1,600 mm
Solid Square	2.375" / 60 mm	40" / 1,016 mm
Solid Round	2.75" / 70 mm	32" / 813 mm
Flat Bar		
Easy Way	7.875" (1.375") / 200 (35) mm	40" / 1,016 mm
Hard Way	4" (.984") / 101 (25) mm	63" / 1,600 mm
Roll Adjustment	Hydraulic	
Pinch	Double	
Shaft Diameter	3.937" / 100 mm	
Roll Diameter		
Upper	12.40" / 315 mm	
Lower	12.40" / 315 mm	
Driven Rolls	3	
Digital Readout	Yes	
Speed	5.5 rpm.	
Motor	14.75 hp.	
Power Requirement	220V – 3-phase	
Shipping Dimensions (L x W x H)	63" x 62" x 77" / 1600 x 1575 x 2083 mm	
Shipping Weight	4,975 lbs. / 2257 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

Call for available tooling – 920-482-3230

# Roll Benders – R-H150

SPECIFICATIONS – R-H150		
Capacity	Size	Min. Dia.
Pipe	5.5" (sch. 40) / 140 (5) mm	73" / 1,854 mm
Round Tube	6.250" (.125") / 159 (3) mm	118" / 2,997 mm
Square Tube	4" (.196") / 102 (5) mm	118" / 2,997 mm
Angle Iron	4.75" (.5") / 120 (6.3) mm	60" / 1,524 mm
Solid Square	3" / 76 mm	32" / 813 mm
Solid Round	3.375" / 86 mm	36" / 914 mm
Flat Bar		
Easy Way	7.875" (2") / 200 (50) mm	40" / 1,016 mm
Hard Way	5.5" (1.125") / 139 (28) mm	118" / 2,997 mm
Roll Adjustment	Hydraulic	
Pinch	Double	
Shaft Diameter	4.724" / 120 mm	
Roll Diameter		
Upper	15.354" / 390 mm	
Lower	15.354" / 390 mm	
Driven Rolls	3	
Digital Readout	Yes	
Speed	3.25 rpm.	
Motor	20 hp.	
Power Requirement	220V – 3-phase	
Shipping Dimensions (L x W x H)	80" x 67" x 82" / 2032 x 1702 x 2083 mm	
Shipping Weight	10,400 lbs. / 4742 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

The R-H150 has a massive capacity of 5-1/2" schedule 40. It can handle almost anything thrown its way.

- ◆ Three driven rolls
- ◆ Double pinch
- ◆ Overload protected
- ◆ Hydraulic drive
- ◆ Hydraulic lateral angle guides
- ◆ Includes segmented hardened standard rolls
- ◆ Vertical and horizontal bending
- ◆ Foot pedal controlled
- ◆ Digital readout
- ◆ Integrated stiffening rods
- ◆ Many optional tooling sets available



# Roll Benders – R-H170

- ◆ 3 hydraulically driven rolls
- ◆ Double pinch
- ◆ Automatic speed compensation (power not sacrificed)
- ◆ Hydraulic vertical guiding rolls up-down
- ◆ Hydraulic horizontal guiding rolls in-out
- ◆ Rotation rolls L.E.D. readouts
- ◆ Bending rolls L.E.D. readouts.
- ◆ Foot pedal control panel
- ◆ 3 hardened standard rolls
- ◆ Many optional tooling sets available
- ◆ CE certificate



SPECIFICATIONS – R-H170		
Capacity	Size	Min. Dia.
Pipe	6" (sch. 40) / 152.4 (26.4) mm	98" / 2489 mm
Solid Round Tube	4" / 101 mm	40" / 1016 mm
Square Tube	4.7" (.315") / 120 (8) mm	118" / 2997 mm
Angle Iron	4.75" (.5") / 120 (12.7) mm	60" / 1524 mm
Flat Bar		
Easy Way	9.75" (1.5") / 247 (38.1) mm	40" / 1016 mm
Hard Way	5.875" (1.375") / 150 (35) mm	40" / 1016 mm
Roll Adjustment	Hydraulic	
Lower Roll Dia.	15.354" / 390 mm	
Pinch	Double	
Digital Readout	Yes	
Horse Power	20 hp.	
Power Requirement	220V – 3-phase	
Shipping Dimensions (L x W x H)	94.5" x 146" x 69" / 2400 x 3708 x 1753 mm	
Shipping Weight	19,000 lbs. / 8636 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

# Roll Benders – R-H250

SPECIFICATIONS – R-H250		
Capacity	Size	Min. Dia.
Pipe	8" (sch. 40) / 203 (6.35) mm	98" / 2490 mm
Solid Round Tube	5" / 127 mm	62" / 1575 mm
Square Tube	5.875" (.375") / 150 (9.5) mm	118" / 2997 mm
Angle Iron	5.875" (.375") / 150 (9.5) mm	62" / 1575 mm
Flat Bar		
Easy Way	13.75" (1.96") / 349 (50) mm	36" / 915 mm
Hard Way	6.875" (1.5") / 174 (38) mm	52" / 1320 mm
Shaft Dia. (Upper)	9.84" / 250 mm	
Shaft Dia. (Lower)	9.05" / 230 mm	
Roll Adjustment	Hydraulic	
Lower Roll Dia.	15.354" / 390 mm	
Pinch	Double	
Digital Readout	Yes	
Horse Power	40 hp.	
Power Requirement	220V – 3-phase	
Shipping Dimensions (L x W x H)	94.5" x 146" x 69" / 2400 x 3708 x 1753 mm	
Shipping Weight	34,000 lbs. / 15454 kgs.	

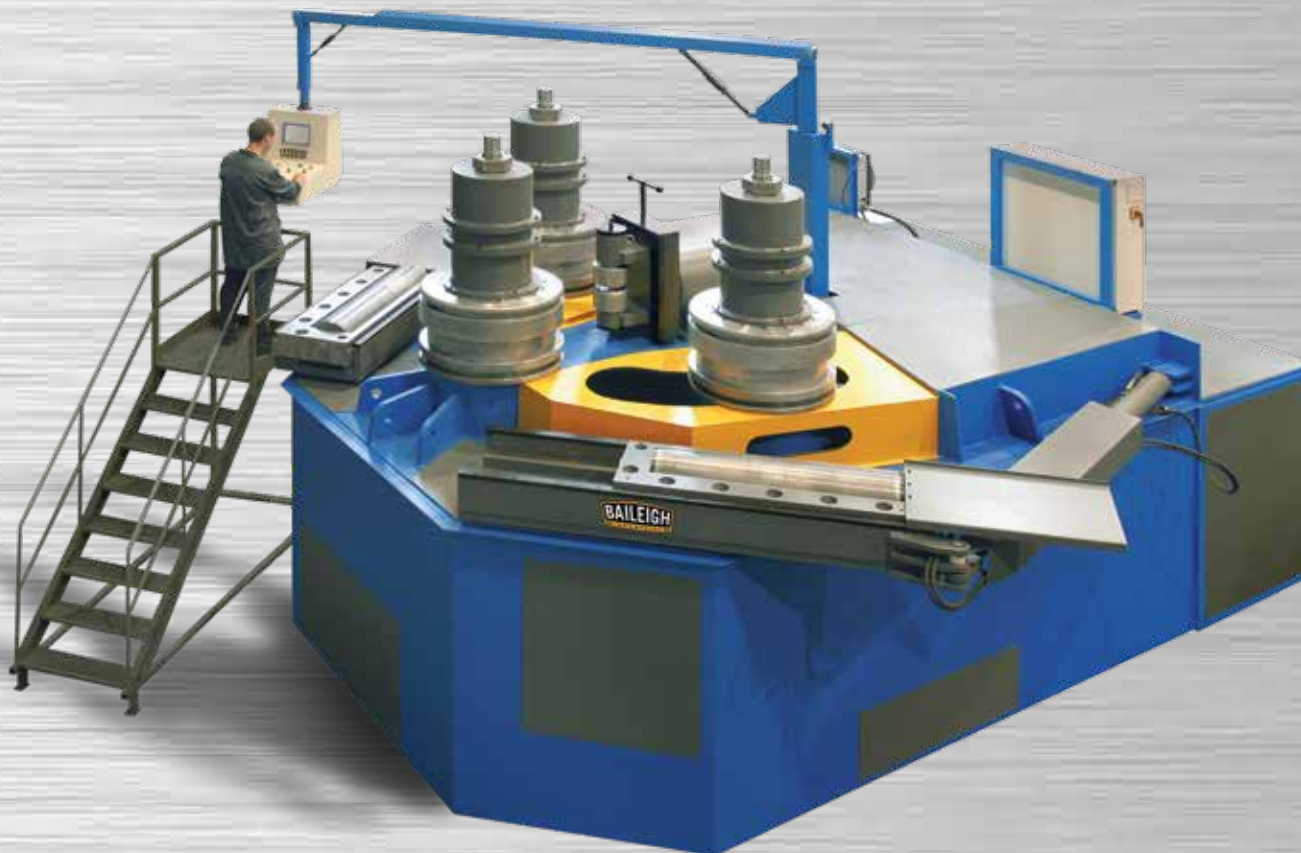
All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ 3 hydraulically driven rolls
- ◆ Double pinch
- ◆ Automatic speed compensation (power not sacrificed)
- ◆ Hydraulic vertical guiding rolls up-down
- ◆ Hydraulic horizontal guiding rolls in-out
- ◆ Rotation rolls L.E.D. readouts
- ◆ Bending rolls L.E.D. readouts.
- ◆ Foot pedal control panel
- ◆ 3 hardened standard rolls
- ◆ Many optional tooling sets available
- ◆ CE certificate



# Roll Benders – R-H400

- ◆ 3 hydraulically driven rolls
- ◆ Double pinch
- ◆ Automatic speed compensation (power not sacrificed)
- ◆ Hydraulic vertical guiding rolls up-down
- ◆ Hydraulic horizontal guiding rolls in-out
- ◆ Rotation rolls L.E.D. readouts
- ◆ Bending rolls L.E.D. readouts.
- ◆ Foot pedal control panel
- ◆ 3 hardened standard rolls
- ◆ Many optional tooling sets available
- ◆ CE certificate



SPECIFICATIONS – R-H400		
Capacity	Size	Min. Dia.
Round Tube	12.75" (.405) / 323 (10.2) mm	165.35" / 4150 mm
Square Tube	8.66" (.472") / 220 (12) mm	197" / 5003 mm
Angle Iron		
Easy Way	7.875" (.75") / 200 (19) mm	80" / 2023 mm
Hard Way	7.875" (1.0") / 200 (25) mm	80" / 2023 mm
Solid Square	6" / 152.4 mm	100" / 2540 mm
Solid Round	6.256" / 168.3 mm	72" / 1830 mm
Flat Bar		
Easy Way	17.50" (2.75") / 444.5 (70) mm	60" / 1525 mm
Hard Way	9.75" (2.36") / 247.65 (60) mm	80" / 2023 mm
Roll Adjustment	Hydraulic	
Pinch	Double	
Shaft Dia. (Upper)	12.20" / 310 mm	
Shaft Dia. (Lower)	11.41" / 290 mm	
Roll Dia.	20.4" / 520 mm	
Shaft Center Dist. (Lower Rolls)	Adjustable	
Driven Rolls	3	
Digital Readout	Yes (Rotation and Bending)	
Speeds	Variable 0–8 rpm.	
Motor	85.8 hp.	
Power Requirement	440V – 3-phase	
Shipping Dimensions (L x W x H)	174" x 134" x 91" / 4420 x 3400 x 2300 mm	
Shipping Weight	64,000 lbs. / 29100 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

# Roll Benders – R-CNC45

SPECIFICATIONS – R-CNC45		
Capacity	Size	Min. Dia.
Pipe	2" (sch. 40) / 58.42 (3) mm	80" / 2032 mm
Solid Round Tube	2.5" (.100") / 63.5 (2.5) mm	60" / 1524 mm
Square Tube	2" (.375") / 50 (9.5) mm	85" / 2159 mm
Angle Iron	2" (.196") / 50 (5) mm	24" / 610 mm
Flat Bar		
Easy Way	3.5" (.5") / 89 (12.7) mm	32" / 813 mm
Hard Way	3.15" (.375") / 80 (9.5) mm	32" / 813 mm
Shaft Dia.	1.77"	45 mm
Roll Adjustment	Hydraulic	
Motor	5 hp	
Speed	12 rpm	
Driven Rolls	3	
Pinch	Single with Interchangeable Bottom Rolls	
Control	CNC	
Power Requirement	220V – 3-phase	
Shipping Dimensions (L x W x H)	48" x 30" x 58" / 1220 x 762 x 1475 mm	
Shipping Weight	1,191 lbs. / 542 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm 2) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ 2" schedule 40 pipe capacity
- ◆ Full CNC control
- ◆ Touch screen
- ◆ 40 programs 24 bends per program—standard
- ◆ Includes arc meter calibration device
- ◆ Three driven rolls
- ◆ Hydraulic top roll
- ◆ Single pinch
- ◆ Hardened tooling
- ◆ Many optional tooling sets available
- ◆ Perfect for variable radius bends



Shown with Optional Tooling

OPTIONAL TOOLING	
SKU	Description
<b>Pipe Tooling</b>	
1007395	3/4" (26.67mm) Steel Round Pipe Rolls for R-H45
1007396	1" (33.4mm) Steel Round Pipe Rolls for R-H45
1007397	1-1/4" (42.16mm) Steel Round Pipe Rolls for R-H45
1007398	1-1/2" (48.26MM) Steel Round Pipe Rolls for R-H45
1007399	2" (60.3mm) Steel Round Pipe Rolls for R-H45
<b>Tube Tooling</b>	
1007470	1/2" (12.7mm) Steel Round Tube Rolls for R-H45
1007471	3/4" (19.05mm) Steel Round Tube Rolls for R-H45
1007472	1" (25.4mm) Steel Round Tube Rolls for R-H45
1007473	1-1/4" (31.75) Steel Round Tube Rolls for R-H45
1007474	1-3/8" (34.925mm) Steel Round Tube Rolls for R-H45
1007475	1-1/2" (38.1mm) Steel Round Tube Rolls for R-H45
1007476	1-5/8" (41.275mm) Steel Round Tube Rolls for R-H45
1007477	-3/4" (44.45mm) Steel Round Tube Rolls for R-H45
1007478	2" (50.8mm) Steel Round Tube Rolls for R-H45
1007479	2-1/4" (57.15mm) Steel Round Tube Rolls for R-H45
1007480	2-1/2" (63.5mm) Steel Round Tube Rolls for R-H45
1007481	2-3/4" (69.85mm) Steel Round Tube Rolls for R-H45
<b>Square Tooling</b>	
1007634	1" (25.4mm) Steel Square Tube Rolls for R-H45
1007635	1-1/4" (31.75mm) Steel Square Tube Rolls for R-H45
1007636	1-1/2" (38.1mm) Steel Square Tube Rolls for R-H45
1007637	1-3/4" (44.45mm) Steel Square Tube Rolls for R-H45
1007638	2" (50.8mm) Steel Square Tube Rolls for R-H45

# Roll Benders – R-CNC55

OPTIONAL TOOLING	
SKU	Description
<b>Pipe Tooling</b>	
1007406	3/4" (26.67mm) Steel Round Pipe Rolls for R-H55
1007407	1" (33.4mm) Steel Round Pipe Rolls for R-H55
1007408	1-1/4" (42.16mm) Steel Round Pipe Rolls for R-H55
1007409	1-1/2" (48.26MM) Steel Round Pipe Rolls For R-H55
1007410	2" (60.3mm) Steel Round Pipe Rolls for R-H55
1007411	2-1/2" (73.025mm) Steel Round Pipe Rolls for R-H55
007412	3" (88.9mm) Steel Round Pipe Rolls for R-H55
<b>Tube Tooling</b>	
1007492	1/2" (12.7mm) Steel Round Tube Rolls for R-H55
1007493	3/4" (19.05mm) Steel Round Tube Rolls for R-H55
1007494	1" (25.4mm) Steel Round Tube Rolls for R-H55
1007495	1-1/4" (31.75mm) Steel Round Tube Rolls for R-H55
1007496	1-3/8" (34.92mm) Steel Round Tube Rolls for R-H55
1007497	1-1/2" (38.1mm) Steel Round Tube Rolls for R-H55
1007498	1-5/8" (41.275mm) Steel Round Tube Roll for R-H55
1007499	1-3/4" (44.45mm) Steel Round Tube Roll for R-H55
1007500	2" (50.8mm) Steel Round Tube Rolls for R-H55
1007501	2-1/4" (57.15mm) Steel Round Tube Rolls for R-H55
1007502	2-1/2" (63.5mm) Steel Round Tube Rolls for R-H55
1009409	2-3/4" (70.025mm) Steel Round Tube Rolls for R-H55
1007503	3" (76.2mm) Steel Round Tube Rolls for R-H55
<b>Square Tooling</b>	
1007643	1/2" (12.7mm) Steel Square Tube Rolls for R-H55
1007644	3/4" (19.05mm) Steel Square Tube Rolls for R-H55
1007645	1" (25.4mm) Steel Square Tube Rolls for R-H55
1007646	1-1/2" (38.1mm) Steel Square Tube Rolls for R-H55
1007647	2" (50.8mm) Steel Square Tube Rolls for R-H55

- ◆ 2.5" Schedule 40 pipe capacity
- ◆ Full CNC control
- ◆ Touch screen
- ◆ 40 programs 24 bends per program-standard
- ◆ Includes arc meter calibration device
- ◆ 7 hp
- ◆ Three driven rolls
- ◆ Hydraulic top roll
- ◆ Single pinch
- ◆ Hardened tooling
- ◆ Many optional tooling sets available
- ◆ Perfect for variable radius bends



SPECIFICATIONS – R-CNC55		
Capacity	Size	Min. Dia.
Pipe	2.5" (sch. 40) / 73 (5) mm	80" / 2032 mm
Solid Round Tube	2.75" (.120") / 70 (3) mm	59" / 1500 mm
Square Tube	2.37" (.157") / 60 (4) mm	100" / 2540 mm
Angle Iron	2.36" (.236") / 60 (6) mm	28" / 711
Flat Bar		
Easy Way	4" (.75") / 101.6 (19) mm	36" / 915
Hard Way	3.5" (.5") / 88.9 (12.7) mm	40" / 1016
Shaft Dia.	2.16"	55 mm
Roll Adjustment	Hydraulic	
Motor	7 hp	
Speed	11 rpm	
Driven Rolls	3	
Pinch	Single with Interchangeable Bottom Rolls	
Control	CNC	
Power Requirement	220V – 3-phase	
Shipping Dimensions (L x W x H)	52" x 35" x 66" / 1320 x 889 x 1076 mm	
Shipping Weight	1,654 lbs. / 755 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

# Roll Benders – R-CNC80

SPECIFICATIONS – R-CNC80		
Capacity	Size	Min. Dia.
Pipe	3" (sch. 40) / 88.9 (5.4) mm	64" / 1625 mm
Solid Round Tube	4" (.075") / 101 (2) mm	68" / 1727 mm
Square Tube	3.15" (.157") / 80 (4) mm	158" / 1013 mm
Angle Iron	2.75" (.375") / 70 (9.5) mm	36" / 915 mm
Flat Bar		
Easy Way	5" (.75") / 127 (19) mm	38" / 905 mm
Hard Way	4.5" (.5") / 114 (12.7) mm	38" / 905 mm
Shaft Dia.	2.55"	63.5 mm
Roll Adjustment	Hydraulic	
Motor	7.375 hp	
Speed	10 rpm	
Driven Rolls	3	
Pinch	Single with Interchangeable Bottom Rolls	
Control	CNC	
Power Requirement	220V – 3-phase	
Shipping Dimensions (L x W x H)	50" x 40" x 66" / 1270 x 1016 x 1667 mm	
Shipping Weight	2,315 lbs. / 1052 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ 3" schedule 40 pipe capacity
- ◆ Full CNC control
- ◆ Touch screen
- ◆ 40 programs 24 bends per program-standard
- ◆ Includes arc meter calibration device
- ◆ Three driven rolls
- ◆ 10 RPM
- ◆ Hydraulic top roll
- ◆ Single pinch
- ◆ Hardened tooling
- ◆ Many optional tooling sets available



# Roll Benders – R-CNC120

- ◆ 4" schedule 40 pipe capacity
- ◆ Full CNC control
- ◆ Touch screen
- ◆ 40 programs 24 bends per program-standard
- ◆ Includes arc meter calibration device
- ◆ Three driven rolls
- ◆ 9.4 hp
- ◆ Variable speed
- ◆ Hydraulic top roll
- ◆ Single pinch
- ◆ Hardened tooling
- ◆ Many optional tooling sets available



SPECIFICATIONS – R-CNC120		
Capacity	Size	Min. Dia.
Pipe	4" (sch. 40) / 114 (6) mm	72" / 1828 mm
Solid Round Tube	4.675" (.090") / 118 (2.2) mm	78" / 1981 mm
Square Tube	4" (.1875") / 101 (4.7) mm	196" / 4978 mm
Angle Iron	3.15" (.375") / 80 (9.5) mm	40" / 1016 mm
Flat Bar		
Easy Way	5.5" (.1875") / 139 (4.7) mm	44" / 1117 mm
Hard Way	5" (.375") / 127 (9.5) mm	40" / 1016 mm
Shaft Dia.	3.14"	79.7 mm
Roll Adjustment	Hydraulic	
Motor	9.4 hp	
Speed	0 – 8 rpm (Variable)	
Driven Rolls	3	
Pinch	Single with Interchangeable Bottom Rolls	
Control	CNC	
Power Requirement	220V – 3-phase	
Shipping Dimensions (L x W x H)	64" x 49" x 65" / 1625 x 1244 x 1651 mm	
Shipping Weight	3,638 lbs. / 1675 kgs	

All Specs based on 60,000 PSI (42 Kg/mm<sup>2</sup>) Tensile Strength – Mild Steel. Specifications subject to change without notice.

Call for available tooling – 920-482-3230

# Roll Benders – R-CNC150

SPECIFICATIONS – R-CNC150		
Capacity	Size	Min. Dia.
Pipe	5" (sch. 40) / 141.3 (6.5) mm	78" / 1981 mm
Solid Round Tube	5.875" (.120") / 149.2 (3) mm	102" / 2590 mm
Square Tube	4.5" (.25") / 114.3 (6.25) mm	236" / 5995 mm
Angle Iron	4" (.375") / 101.6 (9.5) mm	56" / 1442
Flat Bar		
Easy Way	6.25" (1.5") / 158.75 mm	48" / 1220 mm
Hard Way	5.5" (.75") / 139 (19) mm	58" / 1473 mm
Shaft Dia.	3.93"	100 mm
Roll Adjustment	Hydraulic	
Motor	14.75 hp	
Speed	0 – 7 rpm (Variable)	
Pinch	Single with Interchangeable Bottom Rolls	
Control	CNC	
Power Requirement	220V – 3-phase	
Shipping Dimensions (L x W x H)1	75" x 55" x 75" / 1905 x 1397 x 905	
Shipping Weight	6,063 lbs. / 2755 kgs.	

All Specs based on 60,000 PSI (42 Kg/mm 2) Tensile Strength – Mild Steel. Specifications subject to change without notice.

- ◆ 5" schedule 40 pipe capacity
- ◆ Full CNC control
- ◆ Touch screen
- ◆ 40 programs 24 bends per program-standard
- ◆ Includes arc meter calibration device
- ◆ Three driven rolls
- ◆ 14.75 hp
- ◆ Variable speed
- ◆ Hydraulic top roll
- ◆ Huge 3.93" diameter shafts
- ◆ Single pinch
- ◆ Hardened tooling
- ◆ Many optional tooling sets available



Call for available tooling – 920-482-3230

# Roll Benders – Tooling

Baileigh Industrial offers the finest roll benders in the world and when you offer machines this good you have to offer tooling to match. All tooling for Baileigh Industrial roll benders are precision machined and available in both steel and nylon versions, with the steel sets heat treated for long life. With well over

1000 sizes typically in stock, Baileigh Industrial more than likely has your application covered. But just in case, custom rolls sets are available. Call us today with your application so we can get you started on the correct roll bending path.



*A. Steel Tooling for  
Tube, Pipe and Square*

*B. Nylon Tooling for  
Tube, Pipe and Square*

*C. Angle Correcting Tooling*

# Slip Rolls – SR-1220M / SR-2420M / SR-3622M

## SPECIFICATIONS – SR-1220M

Forming Width	12"	305 mm
Capacity (Mild Steel)	20 ga. (.036")	1 mm
Upper Roll Dia.	1.25"	32 mm
Minimum Forming Dia.	1.875"	48 mm
Wire Grooves (4)		
(1)	.1875"	4.7 mm
(2)	.1562"	3.96 mm
(3)	.125"	3.175 mm
(4)	.0625"	1.58 mm
Gear Ratio	1:1	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	19" x 9" x 7.5"	482 x 228 x 190 mm
Shipping Weight	32 lbs.	14.5 kgs.

Specifications subject to change without notice.

- ◆ 12" forming width
- ◆ 20-gauge mild steel capacity
- ◆ Manually powered
- ◆ 4-wire grooves
- ◆ Top roll swings out for material removal



SR-1220M

## SPECIFICATIONS – SR-2420M

Forming Width	24"	610 mm
Capacity (Mild Steel)	20 ga. (.036")	1 mm
Upper Roll Dia.	2"	50.8 mm
Minimum Forming Dia.	3"	76.2 mm
Wire Grooves		
Yes		
(1)	.4"	10.16 mm
(2)	.325"	8.25 mm
(3)	.25"	6.35 mm
Gear Ratio	1:1	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	44" x 15" x 21"	1118 x 381 x 533 mm
Shipping Weight	220 lbs.	100 kgs.

Specifications subject to change without notice.

- ◆ 24" forming width
- ◆ 20-gauge mild steel capacity
- ◆ Manually powered
- ◆ 3-wire grooves
- ◆ Top roll lifts up for material removal



SR-2420M

## SPECIFICATIONS – SR-3622M

Forming Width	36"	914 mm
Capacity (Mild Steel)	22 ga. (.030")	.76 mm
Upper Roll Dia.	2"	50.8 mm
Minimum Forming Dia.	3"	76.2 mm
Wire Grooves		
(1)	.447"	11.3 mm
(2)	.380"	9.65 mm
(3)	.285"	7.2 mm
Gear Ratio	1:1	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	55" x 15" x 21"	1397 x 381 x 533 mm
Shipping Weight	286 lbs.	130 kgs.

Specifications subject to change without notice.

- ◆ 36" forming width
- ◆ 22-gauge mild steel capacity
- ◆ Manually powered
- ◆ 3-wire grooves
- ◆ Top roll lifts up for material removal



SR-3622M

# Slip Rolls – SR-5016M

- ◆ 50" forming width
- ◆ 16-gauge mild steel capacity
- ◆ Manually powered
- ◆ 3-wire grooves
- ◆ Optional floor stand
- ◆ 2" back roll adjustment
- ◆ Top roll swings out for material removal



*Shown with optional floor stand – SKU 1007355*

SPECIFICATIONS – SR-5016M		
Forming Width	50"	1,270 mm
Capacity (Mild Steel)	16 ga. (.060")	1.5 mm
Upper Roll Dia.	3"	76.2 mm
Minimum Forming Dia.	4.5"	114 mm
Wire Grooves		
(1)	.335"	8.5 mm
(2)	.407"	10.3 mm
(3)	.513"	13 mm
Gear Ratio	3:1	
Stand	Optional	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	65" x 16" x 20"	1651 x 406 x 508 mm
Shipping Weight	528 lbs.	239 kgs.

*Specifications subject to change without notice.*

# Slip Rolls – SR-5016E

## SPECIFICATIONS – SR-5016E

Forming Width	51"	1295 mm
Capacity (Mild Steel)	16 ga. (.060")	1.5 mm
Upper Roll Dia.	3"	76.2 mm
Minimum Forming Dia.	4.5"	114 mm
Wire Grooves	Yes	
(1)	.375"	9.5 mm
(2)	.389"	9.9 mm
(3)	.5"	12.7 mm
Roll Speed	16 rpm.	
Stand	Yes	
Motor	1 hp.	
Power Requirement	110V – 1-Phase	
Shipping Dimensions (L x W x H)	70" x 24" x 44"	1778 x 610 x 1118 mm
Shipping Weight	750 lbs.	342 kgs.

Specifications subject to change without notice.

- ◆ 51" forming width
- ◆ 16-gauge mild steel capacity
- ◆ 110V
- ◆ 3-wire grooves
- ◆ Foot pedal operated
- ◆ Three place integrated emergency stop
- ◆ Top roll swings out for material removal



# Slip Rolls – SR-5016

- ◆ 50" forming width
- ◆ 16-gauge mild steel capacity
- ◆ Electric powered
- ◆ 3-wire grooves
- ◆ Foot pedal operated
- ◆ Integrated emergency stop
- ◆ 2" back roll adjustment
- ◆ 220V 1-phase
- ◆ Top roll swings out for material removal



SPECIFICATIONS – SR-5016		
Forming Width	50"	1,270 mm
Capacity (Mild Steel)	16 ga. (.060")	1.5 mm
Upper Roll Dia.	3"	76.2 mm
Minimum Forming Dia.	4.5"	114 mm
Wire Grooves	Yes	
(1)	.335"	8.5 mm
(2)	.407"	10.3 mm
(3)	.513"	13 mm
Roll Speed	16 rpm.	
Stand	Yes	
Motor	1 hp.	
Power Requirement	220V – 1-Phase	
Shipping Dimensions (L x W x H)	67" x 26" x 46"	1702 x 660 x 1168 mm
Shipping Weight	770 lbs.	350 kgs.

*Specifications subject to change without notice.*

# Plate Rolls – PR-413 / PR-514

## SPECIFICATIONS – PR-413

Forming Width	48"	1219 mm
Capacity (Mild Steel)	13 ga. (.090")	2.3 mm
Upper Roll Dia.	3.50"	89 mm
Minimum Forming Dia.	5.25"	133 mm
Roll Adjustment Pinch Back	Manual Hydraulic	
Digital Position Readout	Yes	
Wire Grooves	Yes	
(1)	.375"	9.5 mm
(2)	.465"	11.8 mm
(3)	.55"	14 mm
Roll Speed	6 rpm.	
Driven Rolls	3	
Motor	2 hp.	
Power Requirement	220V – 1-Phase	
Shipping Dimensions (L x W x H)	75" x 29" x 46"	1905 x 736 x 1168 mm
Shipping Weight	1,254 lbs.	570 kgs.

Specifications subject to change without notice.

- ◆ 48" forming width
- ◆ 13-gauge mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ 3-wire grooves
- ◆ Foot pedal operated
- ◆ 2.56" back roll adjustment
- ◆ Top roll swings out for material removal



PR-413

## SPECIFICATIONS – PR-514

Forming Width	60"	1524 mm
Capacity (Mild Steel)	14 ga. (.075")	2 mm
Upper Roll Dia.	3.50"	89 mm
Minimum Forming Dia.	5.25"	133 mm
Roll Adjustment Pinch Back	Manual Hydraulic	
Digital Position Readout	Yes	
Wire Grooves	Yes	
(1)	.375"	9.5 mm
(2)	.4375"	11.1 mm
(3)	.5"	12.7 mm
Roll Speed	6 rpm.	
Driven Rolls	3	
Motor	2 hp.	
Power Requirement	220V – 1-Phase	
Shipping Dimensions (L x W x H)	89" x 29" x 56"	2261 x 737 x 1422 mm
Shipping Weight	1,243 lbs.	564 kgs.

Specifications subject to change without notice.

- ◆ 60" forming width
- ◆ 14-gauge mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ 3-wire grooves
- ◆ Foot pedal operated
- ◆ 2.559" back roll adjustment
- ◆ Top roll swings out for material removal



PR-514

# Plate Rolls – PR-403 / PR-409



PR-403

- ◆ 48" forming width
- ◆ 1/4" mild steel capacity
- ◆ 3-driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ Foot pedal operated
- ◆ 2.835" back roll adjustment
- ◆ Top roll swings out for material removal
- ◆ Coning attachment available



SPECIFICATIONS – PR-403		
Forming Width	48"	1219 mm
Capacity (Mild Steel)	.250"	6.3 mm
Upper Roll Dia.	5.91"	150 mm
Minimum Forming Dia.	8.86"	225 mm
Roll Adjustment Pinch Back	Manual Hydraulic	
Digital Position Readout	Yes	
Roll Speed	4.67 rpm.	
Driven Rolls	3	
Motor	3 hp.	
Power Requirement	220V – 3-Phase	
Shipping Dimensions (L x W x H)	83" x 32" x 52"	2108 x 813 x 1321 mm
Shipping Weight	4,180 lbs.	1900 kgs.

*Specifications subject to change without notice.*



PR-409

- ◆ 48" forming width
- ◆ 9-gauge mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ Foot pedal operated
- ◆ 2" back roll adjustment
- ◆ Top roll swings out for material removal
- ◆ Coning attachment available

SPECIFICATIONS – PR-409		
Forming Width	48"	1219 mm
Capacity (Mild Steel)	9 ga. (.150")	3.8 mm
Upper Roll Dia.	4.75"	120.6 mm
Minimum Forming Dia.	7.125"	181 mm
Roll Adjustment Pinch Back	Manual Hydraulic	
Digital Position Readout	Yes	
Roll Speed	5.85 rpm.	
Driven Rolls	3	
Motor	2 hp.	
Power Requirement	220V – 3-Phase	
Shipping Dimensions (L x W x H)	81" x 30" x 50"	2057 x 762 x 1270 mm
Shipping Weight	3,740 lbs.	1700 kgs.

*Specifications subject to change without notice.*

# Plate Rolls – PR-503 / PR-510

SPECIFICATIONS – PR-503		
Forming Width	61"	1549 mm
Capacity (Mild Steel)	.250"	6.3 mm
Upper Roll Dia.	7"	178 mm
Minimum Forming Dia.	10.500"	267 mm
Roll Adjustment Pinch Back	Manual Hydraulic	
Digital Position Readout	Yes	
Roll Speed	5 rpm.	
Driven Rolls	3	
Motor	5 hp.	
Power Requirement	220V – 3-Phase	
Shipping Dimensions (L x W x H)	98" x 36" x 56"	2489 x 914 x 1422 mm
Shipping Weight	6,380 lbs.	2900 kgs.

Specifications subject to change without notice.



- ◆ 61" forming width
- ◆ 1/4" mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ Foot pedal operated
- ◆ 3.937" back roll adjustment
- ◆ Top roll swings out for material removal
- ◆ Coning attachment available



PR-503

SPECIFICATIONS – PR-510		
Forming Width	60"	1524 mm
Capacity (Mild Steel)	10 ga. (.135")	3.4 mm
Upper Roll Dia.	4.75"	120.6 mm
Minimum Forming Dia.	7.125"	181 mm
Roll Adjustment Pinch Back	Manual Hydraulic	
Digital Position Readout	Yes	
Roll Speed	5.85 rpm.	
Driven Rolls	3	
Motor	2 hp.	
Power Requirement	220V – 3-Phase	
Shipping Dimensions (L x W x H)	93" x 30" x 50"	2362 x 762 x 1270 mm
Shipping Weight	4,290 lbs.	1950 kgs.

Specifications subject to change without notice.

- ◆ 60" forming width
- ◆ 10-gauge mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ Foot pedal operated
- ◆ 2" back roll adjustment
- ◆ Top roll swings out for material removal
- ◆ Coning attachment available



PR-510

# Plate Rolls – PR-609 / PR-613



PR-609

- ◆ 72" forming width
- ◆ 9-gauge mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ Foot pedal operated
- ◆ 2.875" back roll adjustment
- ◆ Top roll swings out for material removal
- ◆ Coning attachment available

SPECIFICATIONS – PR-609		
Forming Width	72"	1829 mm
Capacity (Mild Steel)	9 ga. (.150")	3.8 mm
Upper Roll Dia.	5.91"	150 mm
Minimum Forming Dia.	8.86"	225 mm
Roll Adjustment Pinch Back	Manual Hydraulic	
Digital Position Readout	Yes	
Roll Speed	4.67 rpm.	
Driven Rolls	3	
Motor	3 hp.	
Power Requirement	220V – 3-Phase	
Shipping Dimensions (L x W x H)	114" x 32" x 52"	2895 x 813 x 1321 mm
Shipping Weight	5,610 lbs.	2544 kgs.

*Specifications subject to change without notice.*



PR-613

- ◆ 72" forming width
- ◆ 13-gauge mild steel capacity
- ◆ 3 driven rolls
- ◆ Single pinch
- ◆ Hydraulic back roll
- ◆ DRO for back roll position
- ◆ Foot pedal operated
- ◆ 2" back roll adjustment
- ◆ Top roll swings out for material removal
- ◆ Coning attachment available

SPECIFICATIONS – PR-613		
Forming Width	72"	1829 mm
Capacity (Mild Steel)	13 ga. (.090")	2.3 mm
Upper Roll Dia.	4.75"	120.6 mm
Minimum Forming Dia.	7.125"	181 mm
Roll Adjustment Pinch Back	Manual Hydraulic	
Digital Position Readout	Yes	
Roll Speed	5.85 rpm.	
Driven Rolls	3	
Motor	3 hp.	
Power Requirement	220V – 3-Phase	
Shipping Dimensions (L x W x H)	112" x 30" x 50"	2845 x 762 x 1270 mm
Shipping Weight	4,950 lbs.	2250 kgs.

*Specifications subject to change without notice.*

# Plate Rolls – PR-603-4

- ◆ 80" forming width
- ◆ 1/4" mild steel capacity
- ◆ 2-driven rolls
- ◆ Direct linear double pinch
- ◆ DRO for roll positions
- ◆ Push button coning
- ◆ Planetary gearbox
- ◆ Operated via remote console

SPECIFICATIONS – PR-603-4		
Forming Width	80"	2050 mm
Capacity (Mild Steel)	.250"	6 mm
Upper Roll Dia.	7"	180 mm
Side Roll Dia.	5.90"	150 mm
Minimum Forming Dia.	10.6"	270 mm
Roll Adjustment Pinch Back	Hydraulic Hydraulic	
Digital Position Readout	Yes	
Roll Speed	16 fpm. (5 mpm)	
Driven Rolls	2	
Motor	4 hp.	
Power Requirement	220V – 3-Phase	
Shipping Dimensions (L x W x H)	151" x 53" x 51"	3850 x 1350 x 1290 mm
Shipping Weight	7,260 lbs.	3300 kgs.

*Specifications subject to change without notice.*



# Plate Rolls – PR-1003-4

- ◆ 120" forming width
- ◆ 1/4" mild steel capacity
- ◆ 2-driven rolls
- ◆ Direct linear double pinch
- ◆ DRO for roll positions
- ◆ Push button coning
- ◆ Planetary gearbox
- ◆ Operated via remote console

SPECIFICATIONS – PR-1003-4		
Forming Width	120"	3050 mm
Capacity (Mild Steel)	.250"	6 mm
Upper Roll Dia.	8.662"	220 mm
Side Roll Dia.	7"	180 mm
Minimum Forming Dia.	13"	330 mm
Roll Adjustment Pinch Back	Hydraulic Hydraulic	
Digital Position Readout	Yes	
Roll Speed	16 fpm. (5 mpm)	
Driven Rolls	2	
Motor	7 hp.	
Power Requirement	220V – 3-Phase	
Shipping Dimensions (L x W x H)	197" x 59" x 54"	5000 x 1500 x 1370 mm
Shipping Weight	13,200 lbs.	6000 kgs.

*Specifications subject to change without notice.*



# Plate Rolls – PR-10500-4

SPECIFICATIONS – PR-10500-4		
Rolling Cap. (Mild Steel)	.55"	14 mm
Pre-Bending Cap. (Mild Steel)	.500"	12.4 mm
Forming Width	122"	3100 mm
Number of Rolls	4	
Driven Rolls	2	
Top Roll Dia.	11.4"	290 mm
Bottom Roll Dia.	10.6"	270 mm
Slide Roll Dia.	8.2"	210 mm
Roll Adjustment	Hydraulic	
Programming	Manual	
Motor	10 hp.	
Power Requirement	480V – 3-Phase	
Shipping Dimensions (L x W x H)	176" x 58" x 39"	4475 x 1460 x 985 mm
Shipping Weight	17,600 lbs.	8000 kgs.

Specifications subject to change without notice.

- ◆ 1/2" mild steel capacity
- ◆ 120" length
- ◆ 4 forming rolls
- ◆ 2 driven rolls
- ◆ Hydraulically driven
- ◆ Moveable console with DRO
- ◆ Hydraulic system for helping to remove material
- ◆ Epicycloidal gear boxes
- ◆ Hardened and polished rolls
- ◆ Conical bending system
- ◆ Torsion bars for perfect parallelism
- ◆ Planetary movement of side rolls



# Plate Rolls – PR-10500-4NC

- ◆ 1/2" mild steel capacity
- ◆ 120" length
- ◆ 4 forming rolls
- ◆ 2 driven rolls
- ◆ Hydraulically driven
- ◆ Moveable console with three axis NC control
- ◆ Storage for 300 programs with 99 steps in each program
- ◆ Touch screen
- ◆ Hydraulic system for helping to remove material
- ◆ Epicycloidal gear boxes
- ◆ Hardened and polished rolls
- ◆ Conical bending system
- ◆ Torsion bars for perfect parallelism
- ◆ Planetary movement of side rolls

SPECIFICATIONS – PR-10500-4NC		
Rolling Cap. (Mild Steel)	.55"	14 mm
Pre-Bending Cap. (Mild Steel)	.500"	12.4 mm
Forming Width	122"	3100 mm
Number of Rolls	4	
Driven Rolls	2	
Top Roll Dia.	11.4"	290 mm
Bottom Roll Dia.	10.6"	270 mm
Slide Roll Dia.	8.2"	210 mm
Roll Adjustment	Hydraulic	
Programming	Nexus NC System	
Motor	10 hp.	
Power Requirement	480V – 3-Phase	
Shipping Dimensions (L x W x H)	176" x 58" x 39"	4475 x 1460 x 985 mm
Shipping Weight	17,600 lbs.	8000 kgs.

*Specifications subject to change without notice.*



*User friendly NC control*



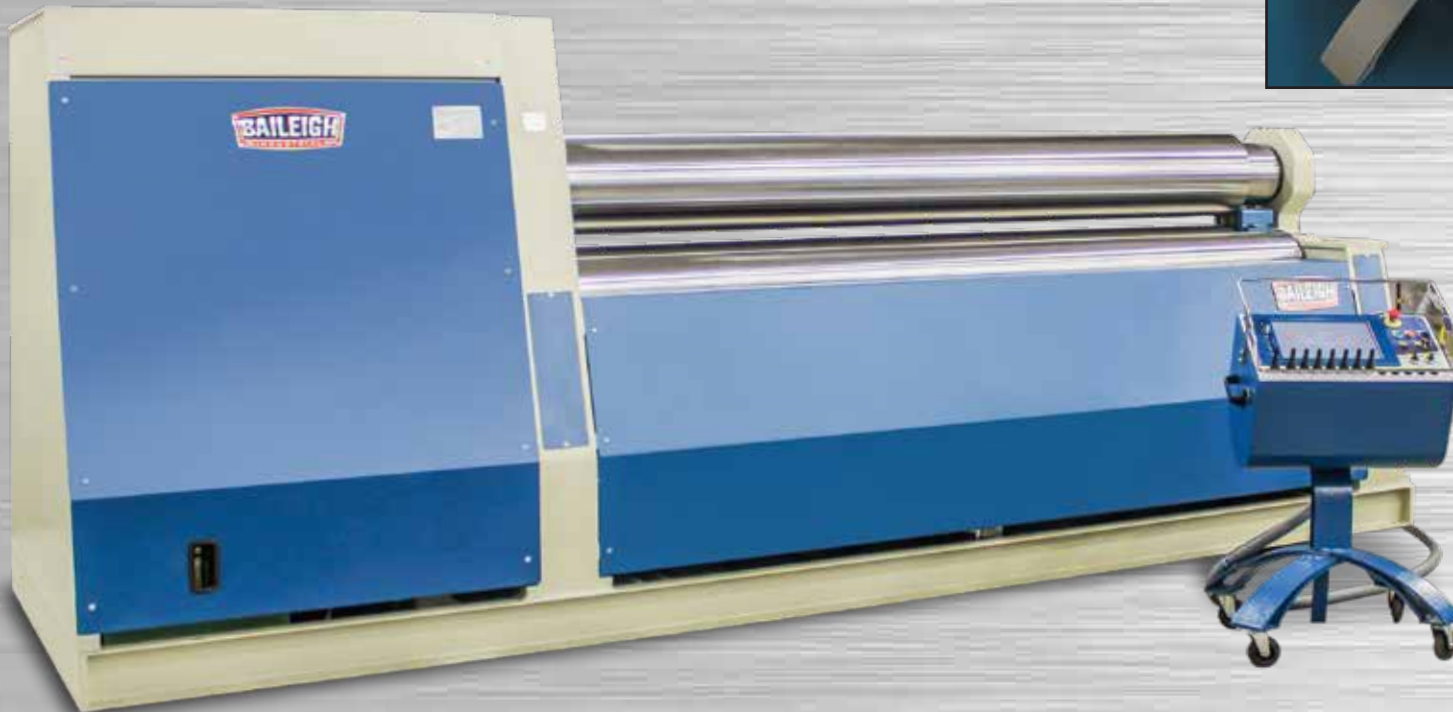
# Plate Rolls – PR-10500-4CNC

SPECIFICATIONS – PR-10500-4CNC		
Rolling Cap. (Mild Steel)	.55"	14 mm
Pre-Bending Cap. (Mild Steel)	.500"	12.4 mm
Forming Width	122"	3100 mm
Number of Rolls	4	
Driven Rolls	2	
Top Roll Dia.	13.7"	350 mm
Bottom Roll Dia.	13"	330 mm
Slide Roll Dia.	9.8"	250 mm
Roll Adjustment	Hydraulic	
Programming	Touch Screen CNC System	
Motor	15 hp.	
Power Requirement	480V – 3-Phase	
Shipping Dimensions (L x W x H)	206" x 68" x 43"	5220 x 1720 x 1090 mm
Shipping Weight	28,600 lbs.	13000 kgs.

Specifications subject to change without notice.

- ◆ 1/2" mild steel capacity
- ◆ 120" length
- ◆ 4 forming rolls
- ◆ 2 driven rolls
- ◆ Hydraulically driven
- ◆ Moveable console with CNC control
- ◆ Unlimited storage
- ◆ Touch screen
- ◆ Able to draw parts or import DXF files
- ◆ Hydraulic system for helping to remove material
- ◆ Epicycloidal gear boxes
- ◆ Hardened and polished rolls
- ◆ Conical bending system
- ◆ Torsion bars for perfect parallelism
- ◆ Planetary movement of side rolls

User friendly CNC control



# Plate Rolls – PR-101000-4

- ◆ 1" mild steel capacity
- ◆ 120" length
- ◆ 4 forming rolls
- ◆ 2 driven rolls
- ◆ Hydraulically driven
- ◆ Moveable console with DRO
- ◆ Hydraulic system for helping to remove material
- ◆ Epicycloidal gear boxes
- ◆ Hardened and polished rolls
- ◆ Conical bending system
- ◆ Torsion bars for perfect parallelism
- ◆ Planetary movement of side rolls



SPECIFICATIONS – PR-101000-4		
Rolling Cap. (Mild Steel)	1"	25.4 mm
Pre-Bending Cap. (Mild Steel)	.78"	20 mm
Forming Width	122"	3100 mm
Number of Rolls	4	
Driven Rolls	2	
Top Roll Dia.	14.5"	370 mm
Bottom Roll Dia.	13.7"	350 mm
Slide Roll Dia.	10.6"	270 mm
Roll Adjustment	Hydraulic	
Programming	Manual	
Motor	20 hp.	
Power Requirement	480V – 3-Phase	
Shipping Dimensions (L x W x H)	188" x 76" x 56"	4760 x 1924 x 1415 mm
Shipping Weight	37,400 lbs.	17000 kgs.

*Specifications subject to change without notice.*

# Straight Hand Brakes – HBR-4820 / HBR-7222

## SPECIFICATIONS – HBR-4820

Capacity		
Length	48"	1220 mm
Thickness (SS)	20 ga.	
Bend Angle	0 – 120°	
Shipping Dimensions (L x W x H)	63" x 16" x 23"	1600 x 406 x 584 mm
Shipping Weight	200 lbs.	91 kgs.

Specifications subject to change without notice.

- ◆ 48" x 20-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Compact design
- ◆ Specially designed for light gauge sheet metal work
- ◆ Adjustable clamping pressure



HBR-4820

## SPECIFICATIONS – HBR-7222

Capacity		
Length	72"	1830 mm
Thickness (SS)	22 ga.	
Bend Angle	0 – 120°	
Shipping Dimensions (L x W x H)	80" x 16" x 23"	2032 x 406 x 584 mm
Shipping Weight	340 lbs.	155 kgs.

Specifications subject to change without notice.

- ◆ 72" x 22-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Compact design
- ◆ Specially designed for light gauge sheet metal work
- ◆ Adjustable clamping pressure



HBR-7222

# Straight Hand Brakes – HB-4816E / HB-4816



HB-4816E



HB-4816

## SPECIFICATIONS – HB-4816E

Capacity		
Length	48"	1220 mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 – 135°	
Shipping Dimensions (L x W x H)	63" x 16" x 23"	1600 x 406 x 584 mm
Shipping Weight	450 lbs.	204 kgs.

*Specifications subject to change without notice.*

- ◆ 48" x 16-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod for repeatability
- ◆ Adjustable clamping pressure
- ◆ 2-1/4" minimum bend depth

## SPECIFICATIONS – HB-4816

Capacity		
Length	48"	1220 mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 – 135°	
Shipping Dimensions (L x W x H)	63" x 16" x 23"	1600 x 406 x 584 mm
Shipping Weight	506 lbs.	230 kgs.

*Specifications subject to change without notice.*

- ◆ 48" x 16-gauge mild steel capacity
- ◆ Stop rod for repeatability
- ◆ Counterweight apron assist
- ◆ Adjustable beam for varying sheet thickness
- ◆ Sturdy floor stand
- ◆ Adjustable clamping pressure
- ◆ 2-1/4" minimum bend depth

# Straight Hand Brakes – HB-9616 / HB-9612

## SPECIFICATIONS – HB-9616

Capacity		
Length	96"	2438 mm
Thickness (SS)	16 ga. (20 ga.)	
Max. Opening	2.08"	53 mm
Bend Angle	0 – 135°	
Beam Adjustment	1"	25.4 mm.
Min. Reverse Bend	.625"	16 mm
Shipping Dimensions (L x W x H)	123" x 34" x 40"	3124 x 864 x 1016 mm
Shipping Weight	1,650 lbs.	750 kgs.

Specifications subject to change without notice.

- ◆ 96" x 16-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist



HB-9616

## SPECIFICATIONS – HB-9612

Capacity		
Length	96"	2438 mm
Thickness (SS)	12 ga. (16 ga.)	
Max. Opening	2.08"	53 mm
Bend Angle	0 – 135°	
Beam Adjustment	1"	25.4 mm.
Min. Reverse Bend	.625"	16 mm
Shipping Dimensions (L x W x H)	123" x 34" x 40"	3124 x 864 x 1016 mm
Shipping Weight	2,640 lbs.	1204 kgs.

Specifications subject to change without notice.

- ◆ 96" x 12-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist



HB-9612

# Straight Hand Brakes – HB-12016 / HB-12014



HB-12016

SPECIFICATIONS – HB-12016		
Capacity		
Length	120"	3048 mm
Thickness (SS)	16 ga. (20 ga.)	
Max. Opening	2.08"	53 mm
Bend Angle	0 – 135°	
Beam Adjustment	1"	25.4 mm.
Min. Reverse Bend	.625"	16 mm
Shipping Dimensions (L x W x H)	148" x 34" x 40"	3759 x 864 x 1016 mm
Shipping Weight	2,860 lbs.	1300 kgs.

*Specifications subject to change without notice.*

- ◆ 120" x 16-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist



HB-12014

SPECIFICATIONS – HB-12014		
Capacity		
Length	120"	3048 mm
Thickness (SS)	14 ga. (18 ga.)	
Max. Opening	2.08"	53 mm
Bend Angle	0 – 135°	
Beam Adjustment	1"	25.4 mm.
Min. Reverse Bend	.625"	16 mm
Shipping Dimensions (L x W x H)	148" x 34" x 40"	3759 x 864 x 1016 mm
Shipping Weight	3,300 lbs.	1500 kgs.

*Specifications subject to change without notice.*

- ◆ 120" x 14-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist

# Straight Hand Brakes – HB-14418 / HB-15722

## SPECIFICATIONS – HB-14418

Capacity		
Length	144"	3658 mm
Thickness (SS)	18 ga. (22 ga.)	
Max. Opening	2.08"	53 mm
Bend Angle	0 – 135°	
Beam Adjustment	1"	25.4 mm.
Min. Reverse Bend	.625"	16 mm
Shipping Dimensions (L x W x H)	168" x 34" x 48"	4267 x 864 x 1219 mm
Shipping Weight	3,960 lbs.	1800 kgs.

Specifications subject to change without notice.

- ◆ 144" x 18-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist



HB-14418

## SPECIFICATIONS – HB-15722

Capacity		
Length	157"	3988 mm
Thickness (SS)	22 ga. (26 ga.)	
Max. Opening	2.08"	53 mm
Bend Angle	0 – 135°	
Beam Adjustment	1"	25.4 mm.
Min. Reverse Bend	.625"	16 mm
Shipping Dimensions (L x W x H)	185" x 36" x 48"	4699 x 914 x 1219 mm
Shipping Weight	4,840 lbs.	2200 kgs.

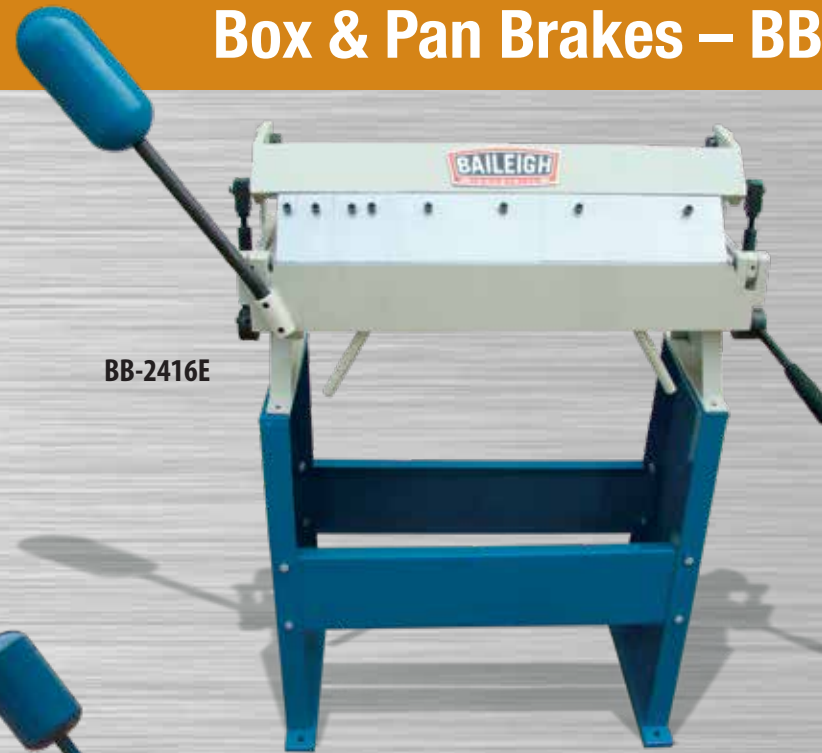
Specifications subject to change without notice.

- ◆ 157" x 22-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist



HB-15722

# Box & Pan Brakes – BB-2416E / BB-3616E



**BB-2416E**

SPECIFICATIONS – BB-2416E		
Length	24"	610 mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 – 135°	
Box Depth	1.18"	30 mm
Stand	Yes	
Shipping Dimensions (L x W x H)	34" x 14" x 18"	864 x 356 x 457 mm
Shipping Weight	185 lbs.	85 kgs.

*Specifications subject to change without notice.*

- ◆ 24" x 16-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist
- ◆ 5-finger assortment (1", 2", 3", 8" and 10")



**BB-3616E**

SPECIFICATIONS – BB-3616E		
Length	36"	915 mm
Thickness	16 ga. (20 ga.)	
Bend Angle	0 – 135°	
Box Depth	1.375"	35 mm
Stand	Yes	
Shipping Dimensions (L x W x H)	47" x 16" x 23"	1194 x 406 x 584 mm
Shipping Weight	271 lbs.	123 kgs.

*Specifications subject to change without notice.*

- ◆ 36" x 16-gauge mild steel capacity
- ◆ Counterweight apron assist
- ◆ Adjustable beam
- ◆ Floor stand included
- ◆ 6-finger assortment (1", 2", 3", 8", 10" and 12")

# Box & Pan Brakes – BB-4816E / BB-4816

SPECIFICATIONS – BB-4816E		
Length	48"	1220 mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 – 135°	
Box Depth	1.57"	40 mm
Stand	Yes	
Shipping Dimensions (L x W x H)	46" x 19" x 27"	1168 x 483 x 686 mm
Shipping Weight	360 lbs.	164 kgs.

Specifications subject to change without notice.

- ◆ Stop rod for repeatability
- ◆ Counterweight apron assist
- ◆ Adjustable beam for varying sheet thickness
- ◆ Floor stand included
- ◆ 16-finger assortment: 5-2", 6-3", 5-4"



BB-4816E

SPECIFICATIONS BB-4816		
Length	48"	1219 mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 – 135°	
Box Depth	4"	101.6 mm
Finger Sizes	2" – 3" – 4"	
Beam		
Adjustment	.625"	16 mm
Lift (max.)	1.75"	44 mm
Stand	Yes	
Shipping Dimensions (L x W x H)	64" x 27" x 32"	1626 x 686 x 813 mm
Shipping Weight	550 lbs.	250 kgs.

Specifications subject to change without notice.

- ◆ 48" x 16-gauge mild steel capacity
- ◆ Includes floor stand
- ◆ Stop rod and counterweight assist
- ◆ 16-finger assortment: 5-2", 6-3", 5-4"



BB-4816

# Box & Pan Brakes – BB-4814 / BB-4812



**BB-4814**

- ◆ 48" x 14-gauge capacity
- ◆ Counterweight apron assist
- ◆ Adjustable beam
- ◆ Floor stand included
- ◆ 2-piece hardened finger assortment: 6-3", 2-4", 1-25"
- ◆ Angle stop rod and counterweight assist

SPECIFICATIONS – BB-4814		
Length	48"	1220 mm
Thickness (SS)	14 ga. (18 ga.)	
Bend Angle	0 – 135°	
Box Depth	4"	101.6 mm
Finger Sizes	3" – 4" – 25"	
Stand	Yes	
Shipping Dimensions (L x W x H)	69" x 31" x 36"	1753 x 787 x 914 mm
Shipping Weight	1,276 lbs.	580 kgs.

*Specifications subject to change without notice.*

SPECIFICATIONS BB-4812		
Length	48"	1220 mm
Thickness (SS)	12 ga. (16 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm.
Min. Reverse Bend	.625"	16 mm
Box Depth	6"	152 mm
Shipping Dimensions (L x W x H)	71" x 34" x 44"	1803 x 864 x 1118 mm
Shipping Weight	1,980 lbs.	900 kgs.

*Specifications subject to change without notice.*

- ◆ 48" x 12-gauge capacity
- ◆ Box, pan, and straight
- ◆ 2-piece hardened finger assortment: 3-3", 2-4", 5-5", 1-6"
- ◆ Angle stop rod and counterweight assist



**BB-4812**

# Box & Pan Brakes – BB-7212 / BB-9612

## SPECIFICATIONS BB-7212

Length	72"	1830 mm
Thickness (SS)	12 ga. (16 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm
Min. Reverse Bend	.625"	16 mm
Box Depth	6"	152 mm
Shipping Dimensions (L x W x H)	97" x 34" x 44"	2464 x 864 x 1118 mm
Shipping Weight	2,420 lbs.	1100 kgs.

Specifications subject to change without notice.

- ◆ 72" x 12-gauge capacity
- ◆ Heavy duty
- ◆ Bend angle indicator and stop rod for repeatability
- ◆ Adjustable counterweights for apron lift assist
- ◆ Adjustable beam for varying sheet thickness
- ◆ Sturdy floor stand
- ◆ 2-piece hardened finger assortment: 6-3", 3-4", 6-5", 2-6"
- ◆ 6" box depth



BB-7212

## SPECIFICATIONS BB-9612

Length	96"	2438 mm
Thickness (SS)	12 ga. (16 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm.
Min. Reverse Bend	.625"	16 mm
Box Depth	6"	152 mm
Shipping Dimensions (L x W x H)	123" x 34" x 46"	3124 x 864 x 1168 mm
Shipping Weight	3,220 lbs.	1460 kgs.

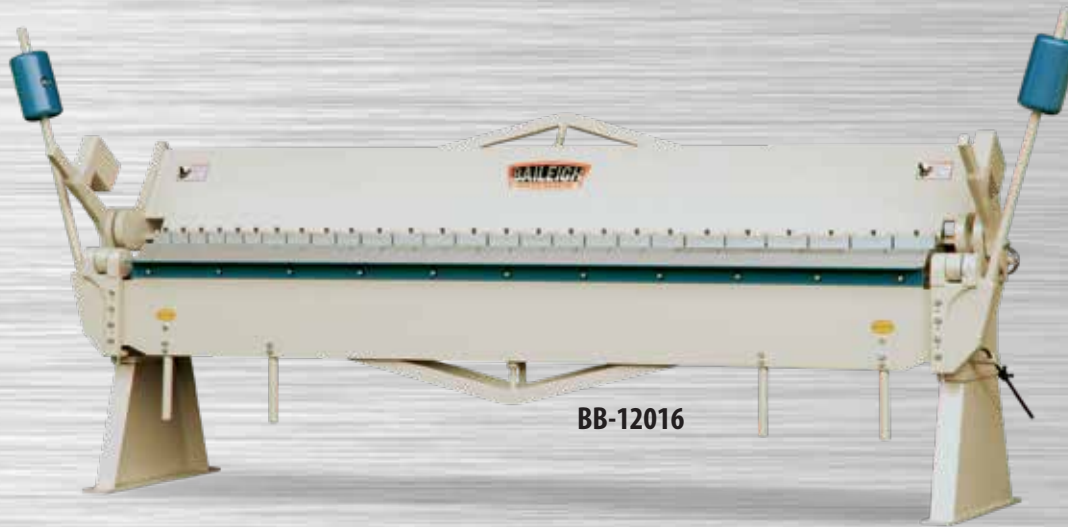
Specifications subject to change without notice.

- ◆ 96" x 12-gauge capacity
- ◆ Heavy duty
- ◆ Bend angle indicator and stop rod for repeatability
- ◆ Adjustable counterweights for apron lift assist
- ◆ Adjustable beam for varying sheet thickness
- ◆ 2-piece hardened finger assortment 6-3", 4-4", 10-5", 2-6"
- ◆ 6" box depth



BB-9612

# Box & Pan Brakes – BB-12016 / BB-12014



BB-12016

- ◆ Heavy duty
- ◆ Bend angle indicator and stop rod for repeatability
- ◆ Adjustable counterweights for apron lift assist
- ◆ Adjustable beam for varying sheet thickness
- ◆ Sturdy floor stand
- ◆ 2-piece hardened finger assortment: 6-3", 4-4", 10-5", 6-6"
- ◆ 6" box depth

SPECIFICATIONS BB-12016		
Length	120"	3048 mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm.
Min. Reverse Bend	.625"	16 mm
Box Depth	6"	152 mm
Shipping Dimensions (L x W x H)	146" x 34" x 46"	3708 x 864 x 1168 mm
Shipping Weight	3,190 lbs.	1450 kgs.

*Specifications subject to change without notice.*



BB-12014

- ◆ Heavy duty
- ◆ Bend angle indicator and stop rod for repeatability
- ◆ Adjustable counterweights for apron lift assist
- ◆ Adjustable beam for varying sheet thickness
- ◆ Sturdy floor stand
- ◆ 2-piece hardened finger assortment: 6-3", 4-4", 10-5", 6-6"
- ◆ 6" box depth

SPECIFICATIONS BB-12014		
Length	120"	3048 mm
Thickness (SS)	14 ga. (18 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm.
Min. Reverse Bend	.625"	16 mm
Box Depth	6"	152 mm
Shipping Dimensions (L x W x H)	146" x 34" x 48"	3708 x 864 x 1118 mm
Shipping Weight	3,410 lbs.	1550 kgs.

*Specifications subject to change without notice.*

# Box & Pan Brakes – BB-14418 / BB-15722

SPECIFICATIONS BB-14418		
Length	144"	3658 mm
Thickness (SS)	18 ga. (22 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm.
Min. Reverse Bend	.625"	16 mm
Box Depth	6"	152 mm
Shipping Dimensions (L x W x H)	168" x 34" x 48"	4267 x 864 x 1219 mm
Shipping Weight	5,390 lbs.	2450 kgs.

Specifications subject to change without notice.

- ◆ Heavy duty
- ◆ Adjustable counterweight apron assist
- ◆ Adjustable beam
- ◆ 6" box depth
- ◆ Sturdy floor stand
- ◆ 2-piece hardened finger assortment 6-3", 6-4", 10-5", 9-6"



BB-14418

SPECIFICATIONS BB-15722		
Length	157"	3988 mm
Thickness (SS)	22 . (26 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm.
Min. Reverse Bend	.625"	16 mm
Box Depth	6"	152 mm
Shipping Dimensions (L x W x H)	185" x 36" x 48"	4700 x 914 x 1219 mm
Shipping Weight	5,940 lbs.	2700 kgs.

Specifications subject to change without notice.

- ◆ Heavy duty
- ◆ Adjustable counterweight apron assist
- ◆ Adjustable beam
- ◆ 6" box depth
- ◆ Sturdy floor stand
- ◆ 2-piece hardened finger assortment 6-3", 6-4", 10-5", 11-6"



BB-15722

# Box & Pan Brakes – BB-4012F

- ◆ Foot operated material clamping
- ◆ Enables easy material adjustment
- ◆ Stop rod for repeatable bending
- ◆ Finger assortment  
(1 pc. each size): 1", 1-1/8",  
1-3/8", 1-1/2", 1-3/4", 2", 3", 4",  
6", 7-3/4", 10-5/8"
- ◆ .033" finger radius

SPECIFICATIONS – BB-4012F		
Length	40"	1016 mm
Thickness (SS)	12 ga. (16 ga.)	
Bend Angle	0 – 135°	
Max. Clamping Bar Lift (foot operated)	1.85"	47 mm
Box Depth	2.5"	63.5 mm
Shipping Dimensions (L x W x H)	58" x 25" x 50"	1473 x 635 x 1270 mm
Shipping Weight	705 lbs.	320 kgs.

*Specifications subject to change without notice.*



# Box & Pan Brakes – BB-5014F

SPECIFICATIONS – BB-5014F		
Length	50"	1270 mm
Thickness (SS)	14 ga. (18 ga.)	
Bend Angle	0 – 135°	
Max. Clamping Bar Lift (foot operated)	1.85"	47 mm
Box Depth	2.5"	63.5 mm
Shipping Dimensions (L x W x H)	67" x 28" x 50"	1702 x 711 x 1207 mm
Shipping Weight	800 lbs.	364 kgs.

Specifications subject to change without notice.

- ◆ Foot operated material clamping
- ◆ Enables easy material adjustment
- ◆ Stop rod for repeatable bending
- ◆ Finger assortment (1 pc. each size): 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 3", 4", 6", 7-3/4", 10", 10-5/8"
- ◆ .033" finger radius



# Box & Pan Brakes – BB-5016F-DS

- ◆ Foot operated material clamping
- ◆ Segmented fingers on the top and bottom beam for unique applications and reverse bends
- ◆ Enables easy material adjustment
- ◆ Stop rod for repeatability
- ◆ Finger assortment (1 pc. each size): 2 x 1-1/2", 4 x 2", 5 x 3", 6 x 6"
- ◆ .033" finger radius

SPECIFICATIONS – BB-5016F-DS		
Length	50"	1270 mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 – 135°	
Max. Clamping Bar Lift (foot operated)	1.85"	47 mm
Box Depth	2.5"	63.5 mm
Shipping Dimensions (L x W x H)	67" x 28" x 50"	1702 x 711 x 1207 mm
Shipping Weight	1,000 lbs.	454 kgs.

*Specifications subject to change without notice.*



# Magnetic Brakes – BB-4816M / BB-7216M

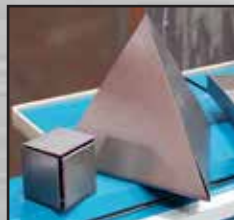


**BB-4816M**

- ◆ 48" x 16-gauge mild steel capacity
- ◆ Magnetic clamping brake
- ◆ Unlimited box depth
- ◆ Includes multiple finger lengths (1", 1-1/2", 2", 2-3/4", 5-1/2" and 11")
- ◆ Bending stop included
- ◆ 10-piece clamp set
- ◆ 220V 1-phase

SPECIFICATIONS – BB-4816M		
Length	48"	1219 mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 – 180°	
Clamping Force	6 ton	
Max. Clamping Bar Lift (magnet)	Unlimited	
Box Depth	Unlimited	
Power Requirements	220V – 1-phase	
Shipping Dimensions (L x W x H)	57" x 44" x 34"	1448 x 1118 x 864 mm
Shipping Weight	462 lbs.	210 kgs.

*Specifications subject to change without notice.*



**BB-7216M**

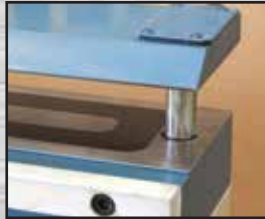
- ◆ 72" x 16-gauge mild steel capacity
- ◆ Magnetic clamping brake
- ◆ Easy raise clamp bar
- ◆ Unlimited box depth
- ◆ Bending stop included
- ◆ 7-piece clamp set
- ◆ 220V 1-phase

SPECIFICATIONS – BB-7216M		
Length	72"	1829 mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 – 180°	
Clamping Force	6 ton	
Max. Clamping Bar Lift (magnet)	Unlimited	
Box Depth	Unlimited	
Power Requirements	220V – 1-phase	
Shipping Dimensions (L x W x H)	87" x 44" x 15"	2200 x 1120 x 380 mm
Shipping Weight	792 lbs.	360 kgs.

*Specifications subject to change without notice.*

# Magnetic Brakes – BB-9616M

- ◆ 96" x 16-gauge mild steel capacity
- ◆ Magnetic clamping brake
- ◆ Easy raise clamp bar
- ◆ Unlimited box depth
- ◆ Bending stop included
- ◆ 220V 1-phase



SPECIFICATIONS – BB-9616M		
Length	96"	1220 mm
Thickness (SS)	16 ga. (20 ga.)	
Bend Angle	0 – 180°	
Clamping Force	6 ton	
Max. Clamping Bar Lift (magnet)	Unlimited	
Box Depth	Unlimited	
Power Requirements	220V – Single	
Shipping Dimensions (L x W x H)	106" x 44" x 15"	2700 x 1120 x 380 mm
Shipping Weight	924 lbs.	420 kgs.

*Specifications subject to change without notice.*



# Hydraulic Box & Pan Brakes – BB-4810H / BB-7210H

SPECIFICATIONS – BB-4810H		
Length	48"	1219 mm
Thickness (SS)	10 ga. (12 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm
Min. Reverse Bend	.984"	25 mm
Box Depth	6"	152 mm
Motor	3 hp	
Power Requirements	220V – 3-phase	
Shipping Dimensions (L x W x H)	83" x 46" x 69"	2108 x 1168 x 1753 mm
Shipping Weight	3,850 lbs.	1750 kgs.

Specifications subject to change without notice.

- ◆ 48" x 10-gauge mild steel capacity
- ◆ Box, pan, and straight
- ◆ 11-finger assortment
- ◆ Programmable bend angle
- ◆ Hydraulically operated
- ◆ 2-piece hardened finger assortment: 3-3", 2-4", 5-5", 1-6"
- ◆ Manual back gauge
- ◆ 220V 3-phase



**BB-4810H**

- ◆ 72" x 10-gauge mild steel capacity
- ◆ Box, pan, and straight
- ◆ 17-finger assortment
- ◆ Programmable bend angle
- ◆ Hydraulically operated
- ◆ 2-piece hardened finger assortment: 6-3", 3-4", 6-5", 2-6"
- ◆ Manual back gauge
- ◆ 220V 3-phase



**BB-7210H**

SPECIFICATIONS – BB-7210 H		
Length	72"	1829 mm
Thickness (SS)	10 ga. (12 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm
Min. Reverse Bend	.984"	25 mm
Box Depth	6"	152 mm
Motor	5 hp	
Power Requirements	220V – 3-phase	
Shipping Dimensions (L x W x H)	110" x 44" x 69"	2794 x 1118 x 1753 mm
Shipping Weight	5,280 lbs.	2400 kgs.

Specifications subject to change without notice.

# Hydraulic Box & Pan Brakes – BB-9612H / BB-9610H



**BB-9612H**

- ◆ 96" x 12-gauge mild steel capacity
- ◆ Box, pan, and straight
- ◆ Programmable bend angle
- ◆ Hydraulically operated
- ◆ 2-piece finger assortment: 6-3", 4-4", 10-5", 2-6"
- ◆ Manual back gauge
- ◆ 220V 3-phase

SPECIFICATIONS – BB-9612H		
Length	96"	2438 mm
Thickness (SS)	12 ga. (16 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm
Min. Reverse Bend	.630"	16 mm
Box Depth	6"	152 mm
Motor	3 hp	
Power Requirements	220V – 3-phase	
Shipping Dimensions (L x W x H)	132" x 46" x 67"	3353 x 1168 x 1702 mm
Shipping Weight	5,192 lbs.	2360 kgs.

*Specifications subject to change without notice.*



**BB-9610H**

- ◆ 96" 10-gauge capacity
- ◆ Heavy duty
- ◆ Programmable bend angle with automatic return
- ◆ Hydraulic clamp, bend, and return
- ◆ Adjustable beam
- ◆ 2-piece finger assortment: 6-3", 4-4", 10-5", 2-6"
- ◆ Manual back gauge
- ◆ 220V 3-phase

SPECIFICATIONS – BB-9610H		
Length	96"	2438 mm
Thickness (SS)	10 ga. (12 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm
Min. Reverse Bend	.984"	25 mm
Box Depth	6"	152 mm
Motor	5 hp	
Power Requirements	220V – 3-phase	
Shipping Dimensions (L x W x H)	132" x 46" x 71"	3353 x 1168 x 1803 mm
Shipping Weight	5,940 lbs.	2700 kgs.

*Specifications subject to change without notice.*

# Hydraulic Box & Pan Brakes – BB-12014H / BB-12010H

SPECIFICATIONS – BB-12014H		
Length	120"	3048 mm
Thickness (SS)	14 ga. (18 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm
Min. Reverse Bend	.5"	12.7 mm
Box Depth	6"	152 mm
Motor	3 hp	
Power Requirements	220V – 3-phase	
Shipping Dimensions (L x W x H)	153" x 46" x 67"	3886 x 1168 x 1702 mm
Shipping Weight	5,830 lbs.	2650 kgs.

Specifications subject to change without notice.

- ◆ Heavy duty
- ◆ Programmable bend angle with automatic return
- ◆ Hydraulic clamp, bend, and return
- ◆ Adjustable beam for varying sheet thickness
- ◆ 120" x 14-gauge capacity
- ◆ 2-piece hardened finger assortment: 6-3", 4-4", 10-5", 6-6"
- ◆ Manual back gauge
- ◆ 220V 3-phase



BB-12014H



BB-12010H

- ◆ 120" x 10-gauge capacity
- ◆ Box, pan, and straight
- ◆ Programmable angle
- ◆ Hydraulically powered
- ◆ 2-piece hardened finger assortment: 6-3", 4-4", 10-5", 6-6"
- ◆ Manual back gauge
- ◆ 220V 3-phase

SPECIFICATIONS – BB-12010H		
Length	120"	3048 mm
Thickness (SS)	10 ga. (12 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm
Min. Reverse Bend	.984"	25 mm
Box Depth	6"	152 mm
Motor	5 hp	
Power Requirements	220V – 3 phase	
Shipping Dimensions (L x W x H)	153" x 46" x 71"	3886 x 1168 x 1803 mm
Shipping Weight	7,700 lbs.	3500 kgs.

Specifications subject to change without notice.

# Hydraulic Box & Pan Brakes – BB-12010H-NC

- ◆ 120" x 10-gauge capacity
- ◆ 2 axis NC controlled
- ◆ Programmable bend angle with automatic return
- ◆ Hydraulic clamp, bend, and return
- ◆ Two piece hardened finger assortment: 6-3", 4-4", 10-5", 6-6"
- ◆ Electric back gauge
- ◆ 220V 3-phase



SPECIFICATIONS – BB-12010H-NC		
Length	120"	3048 mm
Thickness (SS)	10 ga. (12 ga.)	
Bend Angle	0 – 135°	
Finger Sizes	3" – 4" – 5" – 6"	
Beam Adjustment	1"	25.4 mm
Min. Reverse Bend	.984"	25 mm
Box Depth	6"	152 mm
Motor	5 hp	
Power Requirements	220V – 3 phase	
Shipping Dimensions (L x W x H)	153" x 46" x 71"	3886 x 1168 x 1803 mm
Shipping Weight	7,700 lbs.	3500 kgs.

*Specifications subject to change without notice.*

# Vertical Press Brakes – BP-4830

## SPECIFICATIONS – BP-4830

Working Width	48"
Working Pressure	30 tons
Mild Steel Capacity	8 ga.
Stainless Steel Capacity	10 ga.
Stroke	5.9"
Distance Between Housings	51.9"
Back Gauge Length	21.6"
Included Tooling	Multi-Vee Bottom Die with .75", 1", 1.5" and 2" Openings
Drive Type	Hydraulic
Speeds	Single
Motor Hp	4
Power	220V Three Phase
Shipping Weight	1,376 lbs.
Shipping Dimensions	85.4" x 36.2" x 56.3"

Specifications subject to change without notice.

- ◆ Easy to use
- ◆ 30 tons of pressure
- ◆ 8 ga. mild steel capacity
- ◆ 48" wide bending
- ◆ Open top beam design
- ◆ Hydraulic tilt of top beam for easy material removal
- ◆ Multi Vee Bottom die
- ◆ Adjustable down stop for repeatability
- ◆ Foot pedal controlled
- ◆ Includes casters for portability
- ◆ Single speed design
- ◆ 220V 3 phase



Shown without safety guarding to show hydraulic system.



# Vertical Press Brakes – BP-3142NC



SPECIFICATIONS – BP-3142NC		
Tons at 3000 PSI	42	37.5
Maximum Pressure	3000 psi	
Table Length	31"	787.4 mm
Distance Between Housings	29"	736 mm
Distance From Table to Ram	7.75"	196 mm
Max. Ram Opening Empty	8.75"	222 mm
Throat Depth to Ram CL	6.75"	171 mm
Stroke Distance	2"	50.8 mm
Bending Speed	0.4" / sec.	10 mm / sec.
Return Speed	1.1" / sec.	27 mm / sec.
Approach Speed	0.9" / sec.	22 mm / sec.
Back Gauge Length	19.5"	495 mm
HP	2 hp	
Voltage	220V / Single Phase	
Shipping Dimensions (L x W x H)	48" x 48" x 72"	1220x1220x1830mm
Shipping Weight	2,000 lbs.	4400 kgs.

*Specifications subject to change without notice.*

- ◆ 31" width
- ◆ 1/4" mild steel capacity
- ◆ Multi vee bottom die
- ◆ DRO for back gauge and down position
- ◆ Foot pedal controlled
- ◆ 220 Volt

# Vertical Press Brakes – BP-3305CNC

SPECIFICATIONS – BP-3305CNC		
Maximum Pressure	33 ton	30 ton
Distance Between Housings	51"	1304 mm
Distance From Table to Ram	13.3"	340 mm
Throat Depth	7.8"	200 mm
Table Size (Length)	63"	1600 mm
Stroke Distance	3.14"	80 mm
Approach Speed	3.5" / sec.	88.9 mm / sec.
Bending Speed	.393" / sec.	9.982 mm / sec.
Return Speed	3.34" / sec.	84.84 mm / sec.
Main Motor	4 hp	
Voltage	220V / 3Phase	
Oil Capacity	30 gallon	
Shipping Dimensions (L x W x H)	79" x 44" x 79"	2000x1100x200mm
Shipping Weight	3,960 lbs.	1800 kgs.

Specifications subject to change without notice.

- ◆ 33 ton
- ◆ 63" length
- ◆ 2 axis control
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Light curtain
- ◆ Quick release tooling system
- ◆ Accepts european style press brake tooling
- ◆ Foot pedal controlled



# Vertical Press Brakes – BP-3350NC



## SPECIFICATIONS – BP-3350NC

Maximum Pressure	33 tons	30 ton
Bending Capacity (max. length @ max. thickness)	50" / .098"	1270 mm / 2.5 mm
Distance Between Housings	38.18"	970 mm
Distance From Table to Ram	9.84"	250 mm
Throat Depth (to housing)	7.87"	200 mm
Stroke Distance	5.9"	150 mm
Approach Speed	3.14" / sec.	
Bending Speed	.275" / sec.	
Return Speed	2.36" / sec.	
Power Back Gauge Length	23.62"	600 mm
Main Motor	3 hp	
Back Gauge Motor	1/2 hp	
Voltage	220V / 3-phase	
Oil Capacity	20 gal.	
Shipping Dimensions (L x W x H)	55.5" x 47.5" x 80.75"	1410x1206x2051mm
Shipping Weight	2,640 lbs.	1200 kgs.

*Specifications subject to change without notice.*

- ◆ Electric back gauge with manual micrometer adjustment standard
- ◆ Extra-wide guideways for exceptional rigidity
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Oversized hydraulic tank with high-performance pump smooths and stabilizes oil flow
- ◆ Photo electric safety curtain standard

# Vertical Press Brakes – BP-3360NC

## SPECIFICATIONS – BP-3360NC

Maximum Pressure	33 tons	30 ton
Bending Capacity (max. length @ max. thickness)	61" / .078"	1550 mm / 2.0 mm
Distance Between Housings	49.21"	1250 mm
Distance From Table to Ram	9.84"	250 mm
Throat Depth (to housing)	7.87"	200 mm
Stroke Distance	5.9"	150 mm
Approach Speed	3.14" / sec.	
Bending Speed	.275" / sec.	
Return Speed	2.36" / sec.	
Power Back Gauge Length	23.62"	600 mm
Main Motor	3 hp	
Back Gauge Motor	1/2 hp	
Voltage	220V / 3-phase	
Oil Capacity	24 gal.	
Shipping Dimensions (L x W x H)	67" x 47.5" x 80.75"	1702x1205x2051 mm
Shipping Weight	3,300 lbs.	1500 kgs.

Specifications subject to change without notice.

- ◆ Electric back gauge with manual micrometer adjustment standard
- ◆ Extra-wide guideways for exceptional rigidity
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Oversized hydraulic tank with high-performance pump smooths and stabilizes oil flow
- ◆ Photo electric safety curtain standard
- ◆ Vertical positioning via electronic encoder and mechanical stops



# Vertical Press Brakes – BP-5060NC



SPECIFICATIONS – BP-5060NC		
Maximum Pressure	50 tons	45 ton
Bending Capacity (max. length @ max. thickness)	61" / .118"	1550 mm / 3 mm
Distance Between Housings	49.21"	1250 mm
Distance From Table to Ram	11.81"	300 mm
Throat Depth (to housing)	7.87"	200 mm
Stroke Distance	5.9"	150 mm
Approach Speed	3.14" / sec.	
Bending Speed	.275" / sec.	
Return Speed	2.36" / sec.	
Power Back Gauge Length	23.62"	600 mm
Main Motor	5 hp	
Back Gauge Motor	1/2 hp	
Voltage	220V / 3-phase	
Oil Capacity	28 gal.	
Shipping Dimensions (L x W x H)	74.80"x51.18"x86.61"	1900x1300x2200mm
Shipping Weight	6,160 lbs.	2800 kgs.

*Specifications subject to change without notice.*

- ◆ Electric back gauge with manual micrometer adjustment standard
- ◆ Extra-wide guideways for exceptional rigidity
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Oversized hydraulic tank with high-performance pump smooths and stabilizes oil flow
- ◆ Photo electric safety curtain standard
- ◆ Vertical positioning via electronic encoder and mechanical stops

# Vertical Press Brakes – BP-6778NC

SPECIFICATIONS – BP-6778NC		
Maximum Pressure	67 tons	60 ton
Bending Capacity (max. length @ max. thickness)	78.75" / .157"	2000 mm / 4.0 mm
Distance Between Housings	61"	1550 mm
Distance From Table to Ram	11.81"	300 mm
Table Width	6.29"	160 mm
Throat Depth (to housing)	7.87"	200 mm
Stroke Distance	5.9"	150 mm
Approach Speed	3.14" / sec.	
Bending Speed	.275" / sec.	
Return Speed	2.36" / sec.	
Power Back Gauge Length	23.62"	600 mm
Main Motor	7.5 hp	
Back Gauge Motor	1/2 hp	
Voltage	220V / 3-phase	
Oil Capacity	35 gal.	
Shipping Dimensions (L x W x H)	90.55"x61.02"x94.48"	2300x1550x2400 mm
Shipping Weight	7,700 lbs.	3500 kgs.

*Specifications subject to change without notice.*

- ◆ Electric back gauge with manual micrometer adjustment standard
- ◆ Extra-wide guideways for exceptional rigidity
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Oversized hydraulic tank with high-performance pump smooths and stabilizes oil flow
- ◆ Photo electric safety curtain standard
- ◆ Vertical positioning via electronic encoder and mechanical stops



# Vertical Press Brakes – BP-5078CNC



## SPECIFICATIONS – BP-5078CNC

Maximum Pressure	45 tons	40 ton
Table Length	78.7"	2000 mm
Distance between housings	64.5"	1640 mm
Distance from Table to Ram	11.81"	300 mm
Throat Depth (to housing)	7.87"	200 mm
Stroke Distance	3.93"	100 mm
Approach Speed	3.93" / sec.	100 mm / sec.
Bending Speed	.393" / sec.	10 mm / sec.
Return Speed	3.5" / sec.	90 mm / sec.
Power Back Gauge Length	15.7"	400 mm
Main Motor	4 hp	
Back Gauge Motor	1/2 hp	
Voltage	220V 3-phase	
Shipping Dimensions (L x W x H)	86"x44"x78"	2160x1110x1980 mm
Shipping Weight	6,000 lbs.	2730 kgs.

*Specifications subject to change without notice.*

- ◆ 2-axis control
- ◆ Light curtain
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Ball screw back gauge with linear guide rail
- ◆ Foot pedal controlled
- ◆ Other controller options available

# Vertical Press Brakes – BP-7098CNC

## SPECIFICATIONS – BP-7098CNC

Maximum Pressure	70 tons	63 ton
Table Length	98.4"	2500 mm
Distance between housings	80"	2050 mm
Distance from Table to Ram	14"	360 mm
Throat Depth (to housing)	9.8"	250 mm
Stroke Distance	4.7"	120 mm
Approach Speed	2.0" / sec.	
Bending Speed	.6" / sec.	
Return Speed	2.36" / sec.	
Power Back Gauge Length	23.62"	600 mm
Main Motor	7 hp	
Back Gauge Motor	1/2 hp	
Voltage	220V / 3-phase	
Shipping Dimensions (L x W x H)	107"x52"x85"	2700x1300x2155 mm
Shipping Weight	9,251 lbs.	4205 kgs.

Specifications subject to change without notice.

- ◆ 2-axis control
- ◆ Light curtain
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Ball screw back gauge with linear guide rail
- ◆ Foot pedal controlled
- ◆ Other controller options available



# Vertical Press Brakes – BP-11210CNC



## SPECIFICATIONS – BP-11210CNC

Maximum Pressure	112 tons	100 ton
Table Length	125"	3200 mm
Distance between housings	102"	2600 mm
Distance from Table to Ram	15.3"	390 mm
Throat Depth (to housing)	12.5"	320 mm
Stroke Distance	4.7"	120 mm
Approach Speed	2.0" / sec.	
Bending Speed	.6" / sec.	
Return Speed	2.36" / sec.	
Power Back Gauge Length	23.62"	600 mm
Main Motor	10 hp	
Back Gauge Motor	1/2 hp	
Voltage	220V / 3-phase	
Shipping Dimensions (L x W x H)	134" x 52" x 95"	3400x1320x2400mm
Shipping Weight	14,403 lbs.	6570 kgs.

*Specifications subject to change without notice.*

- ◆ Available in both 10' and 13' lengths
- ◆ 2-axis control
- ◆ Light curtain
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Ball screw back gauge with linear guide rail
- ◆ Foot pedal controlled
- ◆ Other controller options available

# Vertical Press Brakes – BP-14010 / 14013 CNC

SPECIFICATIONS – BP-14010/13CNC		
Maximum Pressure	140 tons	125 ton
Table Length	125/157"	3200/4000 mm
Distance between housings	102/124"	2600/3150 mm
Distance from Table to Ram	15.3"	390 mm
Throat Depth (to housing)	12.5"	320 mm
Stroke Distance	4.7"	120 mm
Approach Speed	2.0" / sec.	
Bending Speed	.6" / sec.	
Return Speed	2.36" / sec.	
Power Back Gauge Length	23.62"	600 mm
Main Motor	10 hp	
Back Gauge Motor	1/2 hp	
Voltage	220V / 3-phase	
Shipping Dimensions (L x W x H)		
10 Foot	134" x 52" x 95"	3400x1320x2400mm
13 Foot	165" x 52" x 97"	4200x1320x2450mm
Shipping Weight		
10 Foot	14,600 lbs.	6660 kgs.
13 Foot	17,700 lbs.	8070 kgs.

Specifications subject to change without notice.

- ◆ Available in both 10' and 13' lengths
- ◆ 2-axis control
- ◆ Light curtain
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Ball screw back gauge with linear guide rail
- ◆ Foot pedal controlled
- ◆ Other controller options available



# Vertical Press Brakes – BP-17910 / 17913 CNC



## SPECIFICATIONS – BP-17910/13CNC

Maximum Pressure	170 tons	160 ton
Table Length	125/157"	3200/4000 mm
Distance between housings	100/123"	2540/3140 mm
Distance from Table to Ram	17.7"	450 mm
Throat Depth (to housing)	12.5"	320 mm
Stroke Distance	7"	180 mm
Approach Speed	2.0" / sec.	
Bending Speed	.6" / sec.	
Return Speed	2.36" / sec.	
Power Back Gauge Length	23.62"	600 mm
Main Motor	15 hp	
Back Gauge Motor	1/2 hp	
Voltage	220V / 3-phase	
Shipping Dimensions (L x W x H)		
10 Foot	134" x 64" x 103"	3400x1620x2600mm
13 Foot	166" x 64" x 103"	4200x1620x2600mm
Shipping Weight		
10 Foot	21,280 lbs.	9700 kgs.
13 Foot	24,640 lbs.	11235 kgs.

*Specifications subject to change without notice.*

- ◆ Available in both 10' and 13' lengths
- ◆ 2-axis control
- ◆ Light curtain
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Ball screw back gauge with linear guide rail
- ◆ Foot pedal controlled
- ◆ Other controller options available

# Vertical Press Brakes – BP-22410 / 22413 CNC

SPECIFICATIONS – BP-22410/13CNC		
Maximum Pressure	224 tons	200 ton
Table Length	125/157"	3200/4000 mm
Distance between housings	102/120"	2600/3048 mm
Distance from Table to Ram	19.6"	500 mm
Throat Depth (to housing)	12.5"	320 mm
Stroke Distance	7.87"	200 mm
Approach Speed	2.0" / sec.	
Bending Speed	.6" / sec.	
Return Speed	2.36" / sec.	
Power Back Gauge Length	23.62"	600 mm
Main Motor	15 hp	
Back Gauge Motor	1/2 hp	
Voltage	220V / 3-phase	
Shipping Dimensions (L x W x H)		
10 Foot	134" x 70" x 106"	3400x1780x2675mm
13 Foot	166" x 70" x 125"	4200x1780x3160mm
Shipping Weight		
10 Foot	25,760 lbs.	11750 kgs.
13 Foot	29,568 lbs.	13480 kgs.

Specifications subject to change without notice.

- ◆ Available in both 10' and 13' lengths
- ◆ 2-axis control
- ◆ Light curtain
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Ball screw back gauge with linear guide rail
- ◆ Foot pedal controlled
- ◆ Other controller options available



# Vertical Press Brakes – BP-25013 CNC-5



Shown with Delem®  
DA-56 controller

SPECIFICATIONS – BP-25013 CNC-5		
Table Size (Length)	157"	4000 mm
Back Gauge Length	23.5"	600 mm
Maximum Pressure	254 tons	
Throat Depth	15.7"	400 mm
Stroke Distance	11"	280 mm
Approach Speed	4" / sec.	101 mm / sec.
Back Gauge Motor	1/2 hp	
Bending Speed	.35" / sec	8.89 mm / sec
Main Motor	29.5 hp	
Distance Between Housings	124"	3150 mm
Distance From Table To Ram	20.4"	520 mm
Number of Axis Controlled	5 (Y1-Y2-X-R-V)	
Power	480V 3-Phase	
Shipping Dimensions	175" x 79" x 103"	4445 x 2000 x 3700 mm
Shipping Weight	36,400 lbs.	16600 kgs.

*Specifications subject to change without notice.*

- ◆ Many controller options available
- ◆ Graphical programming
- ◆ Large LCD display
- ◆ Repetitive accuracy  $\pm .02$ mm
- ◆ Light curtains
- ◆ Industrial hydraulic components throughout
- ◆ Adjustable 2-step downward travel for higher productivity
- ◆ Quick release tooling system
- ◆ Includes goose neck punch and multi vee die
- ◆ Foot pedal controlled

# Horizontal Press Brakes – HPB-45NC

SPECIFICATIONS – HPB-45NC		
Pressure	45 tons	40 ton
Stroke Length	9.84"	250 mm
Stroke Accuracy	+/- .002"	
Approach Speed	1.5" / sec.	
Working Speed	.51" / sec.	
Return Speed	.78" / sec.	
Fixture Holes	(1) @ 3.268" dia.	(1) @ 83 mm dia.
	(3) @ 2.283" dia.	(3) @ 58 mm dia.
Punch Height	7.875"	200 mm
Table Height	36.61"	930 mm
Motor	5 hp	
Power Requirement	220V / 3-phase	
Shipping Dimensions (L x W x H)	64" x 26" x 47"	1626 x 660 x 1194 mm
	Shipping Weight	2,266 lbs. / 1030 kgs.

Specifications subject to change without notice.

OPTIONAL TOOLING	
SKU	Description
1004701	Set of Three Bending Press Inserts for HPB-45NC, 1.5, 5, 10mm Radius
1004702	Multi-Vee Die For HPB-45NC, 16,22,30,40mm Openings, 200MM Height
1004714	Pipe Bending Tool for HPB-45NC
1004715	125mm Single Vee Die For HPB-45NC, 200mm Height.
1004716	160mm Single Vee Die For HPB-45NC, 200mm Height.
1004717	80mm Single Vee Die For HPB-45NC, 200mm Height



- ◆ Perfect for production bending, punching, and shearing of small parts (with optional tooling)
- ◆ Cylinder stroke accuracy to +/- .002"
- ◆ Easy to use programmable NC controller
- ◆ Manual back gauge standard
- ◆ Vertical positioning via electronic encoder and mechanical stops



# Horizontal Press Brakes – HPB-78NC



OPTIONAL TOOLING	
SKU	Description
1004718	Set of Three Bending Press Inserts for HPB-78NC, 1.5, 5, 10mm Radius
1004719	Multi Vee Die For HPB-78NC, 16, 22, 30, 40mm Width 300mm Height
1004724	Pipe Bending Tool for HPB-78NC
1004725	125mm Single Vee Die For HPB-78NC, 300mm Height.
1004726	160mm Single Vee Die For HPB-78NC, 300mm Height.
1004727	80mm Single Vee Die For HPB-78NC, 300mm Height.

SPECIFICATIONS – HPB-78NC		
Pressure	78 tons	70 ton
Stroke Length	13.78"	350 mm
Stroke Accuracy	+/- .002"	
Approach Speed	1.69" / sec.	
Working Speed	.43" / sec.	
Return Speed	.55" / sec.	
Fixture Holes	(1) @ 4.646" dia.	(1) @ 118 mm dia.
	(3) @ 3.268" dia.	(3) @ 83 mm dia.
Punch Height	11.81"	300 mm
Table Height	37.4"	950 mm
Motor	7.5 hp	
Power Requirement	220V / 3-phase	
Shipping Dimensions (L x W x H)	81" x 38" x 61"	2057 x 965 x 1550 mm
	Shipping Weight	4,580 lbs.

Specifications subject to change without notice.



- ◆ Perfect for production bending, punching, and shearing of small parts (with optional tooling)
- ◆ Cylinder stroke accuracy to +/- .002"
- ◆ Easy to use programmable NC controller
- ◆ Manual back gauge standard

# Manual Shears – MPS-3 / MPS-1

## SPECIFICATIONS – MPS-3

Shear Capacity	.075"	2 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	13" x 9.5" x 13.5"	330 x 241 x 343 mm
Shipping Weight	49 lbs.	23 kgs.

Specifications subject to change without notice.

- ◆ Throatless shear
- ◆ Ratcheting handle
- ◆ Bench-mounted
- ◆ Adjustable material stop with angle gauge

MPS-3



## SPECIFICATIONS – MPS-1

Shear Capacity	.08"	2 mm
Shear Length	2.5"	63.5 mm
Blade Length	4.25"	108 mm
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	24" x 10" x 13.5"	610 x 254 x 343 mm
Shipping Weight	18 lbs.	9 kgs.

Specifications subject to change without notice.

- ◆ Throatless — Design
- ◆ 14-gauge mild steel capacity
- ◆ 4-1/4" blade length
- ◆ Makes quick work of radius corners

MPS-1



# Manual Shears – MPS-2 / MPS-5

SPECIFICATIONS – MPS-2		
Shear Capacity	10 ga.	
Shear Length	2.5"	63.5 mm
Blade Length	4.25"	108 mm
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	24" x 24" x 24"	610 x 610 x 610 mm
Shipping Weight	50 lbs.	23 kgs.

Specifications subject to change without notice.

- ◆ Throatless — Design
- ◆ 10-gauge mild steel capacity
- ◆ 4-1/4" blade length
- ◆ Perfect for Radius corners



MPS-2

- ◆ Throatless — Design
- ◆ 3/16" mild steel capacity
- ◆ 5-1/4" blade length
- ◆ Perfect for Radius corners
- ◆ Includes material hold down

SPECIFICATIONS – MPS-5		
Shear Capacity	3/16"	5 mm
Shear Length	3"	76.2 mm
Blade Length	5.25"	133 mm
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	24" x 24" x 24"	610 x 610 x 610 mm
Shipping Weight	75 lbs.	34 kgs.

Specifications subject to change without notice.



MPS-5

# Manual Shears – MPS-8G / MPS-12

## SPECIFICATIONS MPS-8G

Shear Capacity		
Round	.236"	6 mm
Flat Bar	2.75" x .236"	69.8 mm x 6 mm
Sheet Steel	.187"	4.7 mm
Cut Length	6.5"	165 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	20" x 6.5" x 18"	508 x 165 x 457 mm
Shipping Weight	42 lbs.	19 kgs.

Specifications subject to change without notice.

- ◆ 8" Multi-purpose shear
- ◆ Shears flat and round stock
- ◆ Adjustable material hold down
- ◆ Rigid construction
- ◆ Multi-edge blades for increased productivity
- ◆ Spring-assisted action for increased leverage
- ◆ Gear-driven



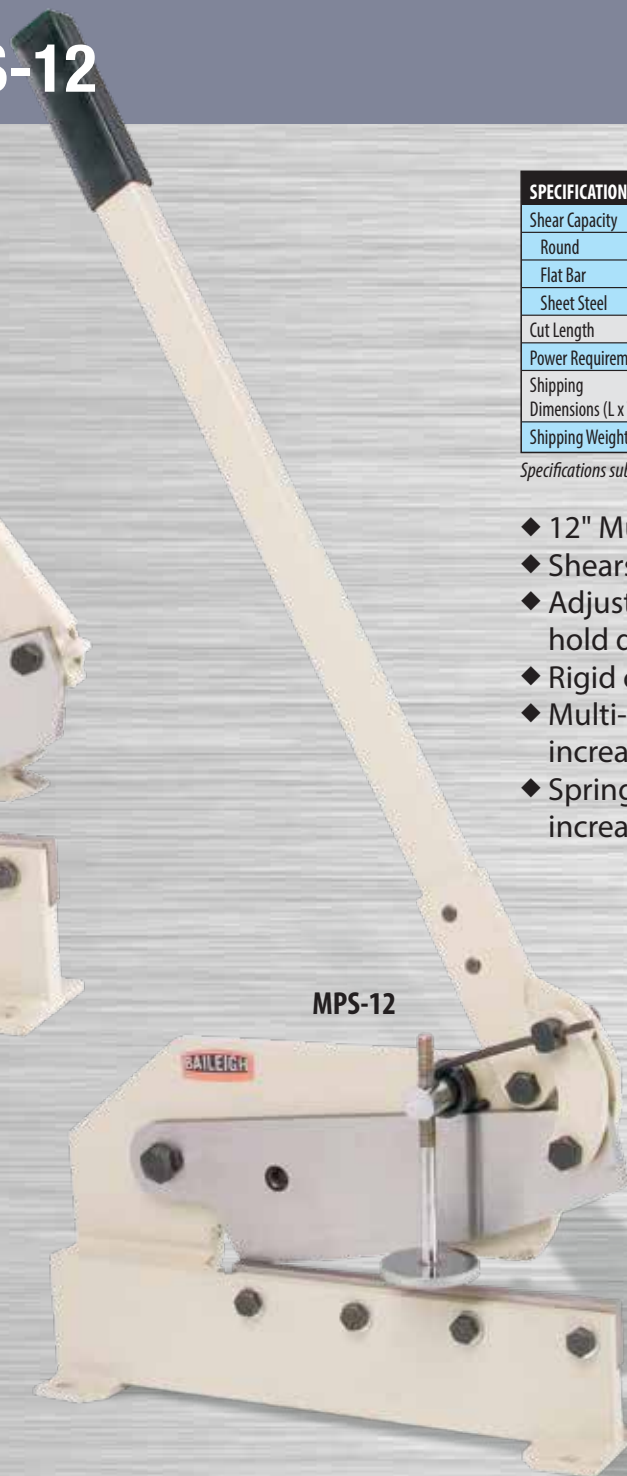
MPS-8G

## SPECIFICATIONS – MPS-12

Shear Capacity		
Round	.236"	6 mm
Flat Bar	2.75" x .236"	69.8 mm x 6 mm
Sheet Steel	.187"	4.7 mm
Cut Length	10.375"	263 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	29" x 6.5" x 17.5"	737 x 165 x 445 mm
Shipping Weight	62 lbs.	29 kgs.

Specifications subject to change without notice.

- ◆ 12" Multi-purpose shear
- ◆ Shears flat and round stock
- ◆ Adjustable material hold down
- ◆ Rigid construction
- ◆ Multi-edge blades for increased productivity
- ◆ Spring-assisted action for increased leverage



MPS-12

# Stomp Shears – SF-5216E / SF-5216

SPECIFICATIONS – SF-5216E		
Shear Length	52"	1321 mm
Thickness (SS)	16 ga. (20 ga.)	
Front Gauge Length	20"	508 mm
Back Gauge Length	33"	838 mm
Blade Angle	1°	
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	66" x 30" x 46"	1676 x 762 x 1168 mm
Shipping Weight	1,199 lbs.	545 kgs.

Specifications subject to change without notice.

- ◆ High-carbon, high-chromium blades
- ◆ Front support arms with squaring bar
- ◆ Spring assisted operation
- ◆ 4 sided blades
- ◆ Back gauge include
- ◆ Finger guard



SF-5216E



SF-5216

SPECIFICATIONS – SF-5216		
Shear Length	52"	1321 mm
Thickness (SS)	16 ga. (20 ga.)	
Front Gauge Length	24"	609 mm
Back Gauge Length	24"	609 mm
Blade Angle	1°	
Power Requirements	Manual	
Shipping Dimensions (L x W x H)	67" x 32" x 53"	1702 x 813 x 1346 mm
Shipping Weight	996 lbs.	454 kgs.

Specifications subject to change without notice.

- ◆ 52" x 16-gauge mild steel capacity
- ◆ Back and side gauges
- ◆ Finger guard
- ◆ Heavy duty frame
- ◆ Foot shear
- ◆ 4 sided blades

# Pneumatic Shears – SH-5216A

SPECIFICATIONS – SH-5216A		
Shear Length	52"	1321 mm
Thickness (SS)	16 ga. (20 ga.)	
Front Gauge Length	24"	609 mm
Back Gauge Length	24"	609 mm
Blade Angle	1°	
Power Requirements	Pneumatic	
Shipping Dimensions (L x W x H)	75" x 36" x 53"	1905 x 914 x 1346 mm
Shipping Weight	1,588 lbs.	720 kgs.

*Specifications subject to change without notice.*

- ◆ 52" x 16-gauge mild steel capacity
- ◆ Back and side gauges
- ◆ Finger guard
- ◆ 20 strokes per minute
- ◆ Heavy duty frame
- ◆ Pneumatic operation
- ◆ 90 – 115 psi
- ◆ Multi-sided blades



*"Within just one year of filling our shop with Baileigh equipment, we went from building just 15 trucks each year to well over 50 custom trucks each year. Baileigh tools have been one of the single most valuable investment I've ever made."*

**Dave Sparks**  
**Diesel Sellerz LLC**

# Hydraulic Shears – SH-5210 / SH-5214

SPECIFICATIONS – SH-5210		
Shear Length	52"	1321 mm
Thickness (SS)	10 ga. (13 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609 mm
Back Gauge Length	24"	609 mm
Strokes per Minute	28	
Blade Angle	1°	
Motor	5 hp	
Power Requirements	220V 1-Phase	
Shipping Dimensions (L x W x H)	75" x 36" x 53"	1905 x 914 x 1346 mm
Shipping Weight	3,000 lbs.	1364 kgs.

Specifications subject to change without notice.

- ◆ 52" x 10-gauge mild steel capacity
- ◆ Back and side gauges
- ◆ 5 HP motor
- ◆ 26 strokes per minute
- ◆ Multi-sided blades
- ◆ Front support arms
- ◆ 220V 1-phase

- ◆ High-carbon, high-chromium blades with hold downs
- ◆ Back and side gauges
- ◆ 3 HP motor
- ◆ 35 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 1-phase

SPECIFICATIONS SH-5214		
Shear Length	52"	1321 mm
Thickness (SS)	14 ga. (18 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609 mm
Back Gauge Length	24"	609 mm
Strokes per Minute	35	
Blade Angle	1°	
Motor	3 hp	
Power Requirements	220V 1-Phase	
Shipping Dimensions (L x W x H)	74" x 36" x 53"	1880 x 914 x 1346 mm
Shipping Weight	1,900 lbs.	864 kgs.

Specifications subject to change without notice.



SH-5210



SH-5214

# Hydraulic Shears – SH-6014 / SH-6010

SPECIFICATIONS – SH-6014		
Shear Length	60"	1524 mm
Thickness (SS)	14 ga. (18 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609 mm
Back Gauge Length	24"	609 mm
Strokes per Minute	30	
Blade Angle	1°	
Motor	3 hp	
Power Requirements	220V 3-Phase	
Shipping Dimensions (L x W x H)	84" x 36" x 56"	2134 x 914 x 1422 mm
Shipping Weight	3,200 lbs.	1455 kgs.

Specifications subject to change without notice.

- ◆ 60" x 14-gauge mild steel capacity
- ◆ High-carbon, high chromium blades with hold downs
- ◆ Front and back gauges
- ◆ Support arms
- ◆ 3 HP motor
- ◆ 30 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase

- ◆ 60" x 10-gauge mild steel capacity
- ◆ High-carbon, high-chromium blades with hold downs
- ◆ Front and back gauges
- ◆ Support arms
- ◆ 5 HP motor
- ◆ 26 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase

SPECIFICATIONS – SH-6010		
Shear Length	60"	1524 mm
Thickness (SS)	10 ga. (13 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609 mm
Back Gauge Length	24"	609 mm
Strokes per Minute	26	
Blade Angle	1°	
Motor	5 hp	
Power Requirements	220V 3-Phase	
Shipping Dimensions (L x W x H)	84" x 36" x 56"	2134 x 914 x 1422 mm
Shipping Weight	3,500 lbs.	1591 kgs.

Specifications subject to change without notice.



# Hydraulic Shears – SH-8014 / SH-8010

SPECIFICATIONS – SH-8014		
Shear Length	80"	2032 mm
Thickness (SS)	14 ga. (18 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609 mm
Back Gauge Length	24"	609 mm
Strokes per Minute	26	
Blade Angle	1°	
Motor	3 hp	
Power Requirements	220V 3-phase	
Shipping Dimensions (L x W x H)	104" x 36" x 53"	2642 x 914 x 1346 mm
Shipping Weight	3,700 lbs.	1682 kgs.

Specifications subject to change without notice.

- ◆ 80" x 14-gauge mild steel capacity
- ◆ High-carbon, high-chromium blades
- ◆ Front and back gauges
- ◆ 3 HP motor
- ◆ Front support arms with squaring bar
- ◆ Automatic and single-stroke operations with jog mode
- ◆ 26 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase

- ◆ 80" 10-gauge mild steel capacity
- ◆ High-carbon, high-chromium blades
- ◆ Front and back gauges
- ◆ 5 HP motor
- ◆ Front support arms with squaring bar
- ◆ Automatic and single-stroke operations with jog mode
- ◆ 24 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase

SPECIFICATIONS – SH-8010		
Shear Length	80"	2032 mm
Thickness (SS)	10 ga.	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609 mm
Back Gauge Length	24"	609 mm
Strokes per Minute	24	
Blade Angle	1°	
Motor	5 hp	
Power Requirements	220V 3-phase	
Shipping Dimensions (L x W x H)	104" x 36" x 53"	2642 x 914 x 1346 mm
Shipping Weight	4,000 lbs.	1818 kgs.

Specifications subject to change without notice.



# Hydraulic Shears – SH-10010

## SPECIFICATIONS – SH-10010

Shear Length	100"	2540 mm
Thickness (SS)	10 ga. (13 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609 mm
Back Gauge Length	24"	609 mm
Strokes per Minute	22	
Blade Angle	2°	
Motor	7.5 hp	
Power Requirements	220V 3-phase	
Shipping Dimensions (L x W x H)	125" x 45" x 60"	3175 x 1143 x 1422 mm
Shipping Weight	6,000 lbs.	2728 kgs.

*Specifications subject to change without notice.*

- ◆ 100" x 10-gauge mild steel capacity
- ◆ High-carbon, high-chromium blades
- ◆ Front and back gauges
- ◆ 7.5 HP motor
- ◆ Front support arms with squaring bar
- ◆ Automatic and single-stroke operations with jog mode
- ◆ 22 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase



# Hydraulic Shears – SH-12014 / SH-12010

SPECIFICATIONS – SH-12014		
Shear Length	120"	3048 mm
Thickness (SS)	14 ga. (18 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609 mm
Back Gauge Length	24"	609 mm
Strokes per Minute	20	
Blade Angle	2°	
Motor	5 hp	
Power Requirements	220V 3-phase	
Shipping Dimensions (L x W x H)	150" x 40" x 56"	3810 x 1015 x 1422 mm
Shipping Weight	5,200 lbs.	2364 kgs.

Specifications subject to change without notice.

- ◆ 120" x 14-gauge mild steel capacity
- ◆ High-carbon, high-chromium blades
- ◆ Front and back gauges
- ◆ 5 HP motor
- ◆ Front support arms with squaring bar
- ◆ Automatic and single-stroke operations with jog mode
- ◆ 20 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase



SH-12014



SH-12010

- ◆ 120" x 10-gauge mild steel capacity
- ◆ High-carbon, high-chromium blades
- ◆ Front and back gauges
- ◆ Front support arms with squaring bar
- ◆ 7.5 HP motor
- ◆ Automatic and single-stroke operations with jog mode
- ◆ 20 strokes per minute
- ◆ Multi-sided blades
- ◆ 220V 3-phase

SPECIFICATIONS – SH-12010		
Shear Length	120"	3048 mm
Thickness (SS)	10 ga. (13 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	24"	609 mm
Back Gauge Length	24"	609 mm
Strokes per Minute	20	
Blade Angle	2°	
Motor	7.5 hp	
Power Requirements	220V 3-phase	
Shipping Dimensions (L x W x H)	145" x 45" x 60"	3683 x 1143 x 1524 mm
Shipping Weight	6,600 lbs.	3000 kgs.

Specifications subject to change without notice.

# Hydraulic Shears – SH-5208-HD / SH-5210-HD

## SPECIFICATIONS SH-5208-HD

Shear Length	52"	1321 mm
Thickness (SS)	8 ga. (12 ga.)	
Front Gauge Length	39.37"	1000 mm
Back Gauge Length	23.62"	600 mm
Strokes per Minute	30 – 42	
Blade Angle	1/2° – 2° Adjustable	
Motor	10 hp	
Power Requirements	220V 3-Phase	
Shipping Dimensions (L x W x H)	91" x 48" x 63"	2311 x 1219 x 1600 mm
Shipping Weight	4,400 lbs.	2000 kgs.

Specifications subject to change without notice.

- ◆ Heavy duty
- ◆ High-carbon, high-chromium
- ◆ Blade gap adjustment
- ◆ Front and back gauges
- ◆ Adjustable rake angle
- ◆ 10 HP motor
- ◆ 30 – 42 strokes per minute



SH-5208-HD



SH-5210-HD

## SPECIFICATIONS SH-5210-HD

Shear Length	52"	1321 mm
Thickness (SS)	10 ga. (13 ga.)	
Front Gauge Length	39.37"	1000 mm
Back Gauge Length	23.62"	600 mm
Strokes per Minute	35 – 47	
Blade Angle	1/2° – 2° Adjustable	
Motor	7.5 hp	
Power Requirements	220V 3-Phase	
Shipping Dimensions (L x W x H)	91" x 48" x 63"	2311 x 1219 x 1600 mm
Shipping Weight	3,960 lbs.	1800 kgs.

Specifications subject to change without notice.

- ◆ 52" x 10-gauge mild steel capacity
- ◆ Front and back gauges
- ◆ Fast blade gap adjustment
- ◆ 220V 3-phase

# Hydraulic Shears – SH-5203-HD / SH-5203-HD-NC

SPECIFICATIONS SH-5203-HD		
Shear Length	52"	1321 mm
Thickness (SS)	1/4" (7 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	39.37"	1000 mm
Back Gauge Length	23.62"	600 mm
Strokes per Minute	16 – 24	
Blade Angle	1/2° – 2° Adjustable	
Motor	15 hp	
Power Requirements	220V 3-Phase	
Shipping Dimensions (L x W x H)	91" x 54" x 65"	2311 x 1372 x 1651 mm
Shipping Weight	5,720 lbs.	2600 kgs.

*Specifications subject to change without notice.*

- ◆ 52" x 1/4"-mild steel capacity
- ◆ Front and back gauges
- ◆ Fast blade gap adjustment
- ◆ 4 sided blades ◆ 220V 3-phase



SH-5203-HD

- ◆ 52" x 1/4"-mild steel capacity
- ◆ NC back gauge
- ◆ Minkol controller
- ◆ Front material guides
- ◆ Fast blade gap adjustment
- ◆ Shadow line for material placement
- ◆ 4 sided blades
- ◆ 220V 3-phase

SPECIFICATIONS SH-5203-HD-NC		
Shear Length	52"	1321 mm
Thickness (SS)	1/4" (7 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	39.37"	1000 mm
Back Gauge Length	23.62"	600 mm
Strokes per Minute	16 – 24	
Blade Angle	1/2° – 2° Adjustable	
Motor	15 hp	
Power Requirements	220V 3-Phase	
Shipping Dimensions (L x W x H)	91" x 54" x 65"	2311 x 1372 x 1651 mm
Shipping Weight	5,720 lbs.	2600 kgs.

*Specifications subject to change without notice.*



SH-5203-HD-NC

# Hydraulic Shears – SH-70250-HD / SH-120250-HD

SPECIFICATIONS – SH-70250-HD		
Shear Length	96"	2500 mm
Max. Material Thickness		
Mild Steel	.250"	6.3 mm
Stainless Steel	.177"	4.5 mm
Minimum Thickness	18 ga.	
Back Gauge Length	23.62"	600 mm
Blade Rake Angle	1.5°	
Blade Clearance	Manual Hand Wheel	
Motor	10 hp	
Power Requirements	220V 3-Phase	
Shipping Dimensions (L x W x H)	143" x 80" x 73"	3632 x 2032 x 1854 mm
Shipping Weight	10,525 lbs.	4785 kgs.

Specifications subject to change without notice.

- ◆ 96" x 1/4" mild steel capacity
- ◆ Front material guides
- ◆ Fast blade gap adjustment
- ◆ Shadow line for material placement
- ◆ 4-sided blades for long life
- ◆ 220V 3-phase

- ◆ 120" x 1/4" mild steel capacity
- ◆ Front material guides
- ◆ Fast blade gap adjustment
- ◆ Shadow line for material placement
- ◆ 4-sided blades for long life
- ◆ 220V 3-phase

SPECIFICATIONS – SH-120250-HD		
Shear Length	120"	3048 mm
Max. Material Thickness		
Mild Steel	.250"	6.35 mm
Stainless Steel	.157"	4 mm
Minimum Thickness	18 ga.	
Strokes per Minute	15	
Back Gauge Length	25.6" / 650 mm (motorized)	
Blade Rake Angle	.5° – 1.5°	
Blade Clearance	Manual Hand Wheel	
Motor	15 hp	
Power Requirements	220V 3-Phase / 60 Hertz	
Shipping Dimensions (L x W x H)	154" x 64" x 77"	3920 x 1625 x 1955 mm
Shipping Weight	14,560 lbs.	6620 kgs.

Specifications subject to change without notice.



SH-70250-HD



SH-120250-HD

# Hydraulic Shears – SH-12003-HD

- ◆ 120" x 1/4" mild steel capacity
- ◆ Single position NC controlled standard
- ◆ Front and back gauges
- ◆ Fast blade gap adjustments
- ◆ Touch screen
- ◆ 4 sided blades
- ◆ 220V 3-phase

SPECIFICATIONS – SH-12003-HD		
Shear Length	120"	3048 mm
Thickness (SS)	1/4" (7 ga.)	
Minimum Thickness	24 ga.	
Front Gauge Length	39.37"	1000 mm
Back Gauge Length	31.50"	800 mm
Strokes per Minute	20 – 30	
Blade Angle	1/2° – 2° Adjustable	
Motor	20 hp	
Power Requirements	220V 3-Phase	
Shipping Dimensions (L x W x H)	158" x 70" x 85"	4013 x 1778 x 2159 mm
Shipping Weight	15,400 lbs.	7000 kgs.

*Specifications subject to change without notice.*



# Hydraulic Shears – SH-120500-HD

SPECIFICATIONS – SH-120500-HD		
Shear Length	120"	3048 mm
Max. Material Thickness		
Mild Steel	.50"	12.7 mm
Stainless Steel	.375"	9.5 mm
Minimum Thickness	18 ga.	
Strokes Per Minute	9	
Back Gauge Length	31.5" / 800 mm – Motorized	
Blade Rake Angle	.5° – 2.0°	
Blade Clearance	Manual Hand Wheel	
Motor	30 hp	
Power Requirements	220V 3- phase	
Shipping Dimensions (L x W x H)	156" x 81" x 101"	3962 x 2057 x 2565 mm
Shipping Weight	23,744 lbs.	10827 kgs.

Specifications subject to change without notice.

- ◆ 120" x 1/2" mild steel capacity
- ◆ Front material guides
- ◆ Fast blade gap adjustments
- ◆ Shadow line for material placement
- ◆ 4-sided blades for long life
- ◆ 220V 3-phase



# Corner Notchers – SN-F16-HN / SN-F16-FN

SPECIFICATIONS – SN-F16-HN		
Capacity (SS)	16 ga. (20 ga.)	
Blade Length	6"	152 mm
Notch Angle	90° (Fixed)	
Stroke Length	3/4"	19 mm
Power	Manual	
Table Dimensions	18" x 12"	457 mm x 304 mm
Shipping Dimensions (L x W x H)	60" x 44" x 48"	1524 x 1118 x 1219 mm
Shipping Weight	275 lbs.	125 kgs.

Specifications subject to change without notice.

- ◆ Hand notcher
- ◆ 90° fixed angle
- ◆ Cuts up to 16-gauge mild steel
- ◆ Notch size 6" x 6"
- ◆ 3/4" stroke
- ◆ 18" x 12" table

SN-F16-HN



SPECIFICATIONS – SN-F16-FN		
Capacity (SS)	16 ga. (20 ga.)	
Blade Length	3"	76 mm
Notch Angle	90° (Fixed)	
Stroke Length	3/4"	19 mm
Power	Manual	
Table Dimensions	10" x 10"	254 mm x 254 mm
Shipping Dimensions (L x W x H)	60" x 44" x 48"	1524 x 1118 x 1219 mm
Shipping Weight	310 lbs.	140 kgs.

Specifications subject to change without notice.

- ◆ Foot pedal operation
- ◆ Fixed 90° notching
- ◆ Adjustable material stops

SN-F16-FN



# Corner Notchers – SN-F11-AN / SN-F09-MS

SPECIFICATIONS – SN-F11-AN		
Max. Capacity (SS)	11 ga. (15 ga.)	
Max. Notch Dimensions	5" x 5"	127 mm x 127 mm
Notch Angle	90° (Fixed)	
Strokes/Minute	50	
Blade Gap Adjustment	Manual	
Table Dimensions	18" x 23.5"	457 mm x 597 mm
Motor	N/A	
Working Pressure	115 psi	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1118 x 1727 mm
Shipping Weight	500 lbs.	228 kgs.

Specifications subject to change without notice.

- ◆ Pneumatic operation
- ◆ 90° fixed angle
- ◆ Cuts up to 11 gauge (3 mm)
- ◆ 5" x 5" notch size
- ◆ Adjustable material stops
- ◆ Optional blades for stainless steel
- ◆ 4.4 gallons of air/notch



SN-F11-AN

- ◆ 90° fixed angle
- ◆ Cuts up to 9 gauge (4 mm)
- ◆ 7-3/4" x 7-3/4" notch size
- ◆ Manual blade gap adjustment
- ◆ Adjustable material stops
- ◆ Optional blades for stainless steel
- ◆ 220V 3-phase

SPECIFICATIONS – SN-F09-MS		
Max. Capacity (SS)	9 ga. (13 ga.)	
Max. Notch Dimensions	7-3/4" x 7-3/4"	197 mm x 197 mm
Notch Angle	90° (Fixed)	
Strokes/Minute	50	
Blade Gap Adjustment	Manual	
Table Dimensions	27" x 23.5"	685 mm x 597 mm
Motor	3 HP	
Power	220V / 3-phase	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1118 x 1727 mm
Shipping Weight	1,100 lbs.	500 kgs.

Specifications subject to change without notice.

SN-F09-MS



# Corner Notchers – SN-F04-MS / SN-V04-MS

SPECIFICATIONS – SN-F04-MS		
Max. Capacity	.237"	6 mm
Max. Notch Dimensions	8-1/2" x 8-1/2"	215 mm x 215 mm
Notch Angle	90° (Fixed)	
Strokes/Minute	15	
Blade Gap Adjustment	Manual	
Table Dimensions	25.5" x 25.5"	647 mm x 647 mm
Motor	4 HP	
Power	220V / 3-phase	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1118 x 1727 mm
Shipping Weight	1,200 lbs.	544 kgs.

Specifications subject to change without notice.

- ◆ 90° fixed angle
- ◆ Cuts up to 4 gauge (6 mm)
- ◆ 8-1/2" x 8-1/2" notch size
- ◆ Optional blades for stainless steel
- ◆ 220V 3-phase

SN-F04-MS



- ◆ Variable notch angle
- ◆ Cuts up to 4 gauge (6 mm)
- ◆ 8-1/2" x 8-1/2" notch size
- ◆ Optional blades for stainless steel
- ◆ 220V 3-phase

SPECIFICATIONS – SN-V04-MS		
Max. Capacity	.237"	6 mm
Max. Notch Dimensions	8-1/2" x 8-1/2"	215 mm x 215 mm
Notch Angle	30° – 140° Variable	
Strokes/Minute	15	
Blade Gap Adjustment	Manual	
Table Dimensions	37.4" x 31"	950 mm x 787 mm
Motor	4 HP	
Power	220V / 3-phase	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1118 x 1727 mm
Shipping Weight	1,672 lbs.	758 kgs.

Specifications subject to change without notice.



SN-V04-MS

# 3-in-1 Shear / Brake / Roll – SB-8 / SBR-1220

SPECIFICATIONS – SB-8		
Bed Width	8"	203 mm.
Shear Capacity	20 ga.	
Bending Capacity	20 ga.	
Max. Bend Angle	90°	
Shipping Dimensions (L x W x H)	20" x 13" x 7"	508 x 330 x 178 mm
Shipping Weight	27 lbs.	13 kgs.

*Specifications subject to change without notice.*

- ◆ Bench-mounted
- ◆ Combination shear and brake



- ◆ Combination shear, sheet metal brake, and slip roll
- ◆ 12" forming width
- ◆ 20-gauge mild steel capacity
- ◆ Manually operated
- ◆ Segmented fingers on brake
- ◆ 3-wire grooves
- ◆ Bench mounted

SPECIFICATIONS – SBR-1220		
Bed Width	12"	305 mm
Shear Capacity	20 ga. (.036")	1 mm
Bending Capacity	20 ga. (.036")	1 mm
Rolling Capacity	20 ga. (.036")	1 mm
Maximum Bend Angle	90°	
Minimum Rolling Dia.	1.54"	39 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	20" x 13" x 17"	508 x 330 x 432 mm
Shipping Weight	125 lbs.	57 kgs.

*Specifications subject to change without notice.*



# 3-in-1 Shear / Brake / Roll – SBR-3020 / SBR-4020

SPECIFICATIONS – SBR-3020		
Bed Width	30"	762 mm
Shear Capacity	20 ga. (.036")	1 mm
Bending Capacity	20 ga. (.036")	1 mm
Rolling Capacity	20 ga. (.036")	1 mm
Maximum Bend Angle	90°	
Minimum Rolling Dia.	1.54"	39 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	38" x 18" x 27"	965 x 457 x 686 mm
Shipping Weight	363 lbs.	165 kgs.

Specifications subject to change without notice.

- ◆ Combination shear, sheet metal brake, and slip roll
- ◆ 30" forming width
- ◆ 20-gauge mild steel capacity
- ◆ Manually operated
- ◆ Segmented fingers on brake
- ◆ 3-wire grooves
- ◆ 4 sided blades
- ◆ Bench mounted

- ◆ Combination shear, sheet metal brake, and slip roll
- ◆ 40" forming width
- ◆ 20-gauge mild steel capacity
- ◆ Manually operated
- ◆ Segmented fingers on brake
- ◆ 3-wire grooves
- ◆ Bench mounted
- ◆ 4 sided blades

SPECIFICATIONS – SBR-4020		
Bed Width	40"	1,016 mm
Shear Capacity	20 ga. (.036")	1 mm
Bending Capacity	20 ga. (.036")	1 mm
Rolling Capacity	20 ga. (.036")	1 mm
Maximum Bend Angle	90°	
Minimum Rolling Dia.	1.70"	43 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	53" x 18" x 27"	1,346 x 457 x 686 mm
Shipping Weight	467 lbs.	212 kgs.

Specifications subject to change without notice.



# 3-in-1 Shear / Brake / Roll – SBR-5220

## SPECIFICATIONS – SBR-5220

Bed Width	52"	1,321 mm
Shear Capacity	20 ga. (.036")	1 mm
Bending Capacity	20 ga. (.036")	1 mm
Rolling Capacity	20 ga. (.036")	1 mm
Maximum Bend Angle	90°	
Minimum Rolling Dia.	1.70"	43 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	67" x 23" x 30"	1,702 x 584 x 762 mm
Shipping Weight	830 lbs.	376 kgs.

Specifications subject to change without notice.

- ◆ Combination shear, sheet metal brake, and slip roll
- ◆ 52" forming width
- ◆ 20-gauge mild steel capacity
- ◆ Manually operated
- ◆ Segmented fingers on brake
- ◆ 3-wire grooves
- ◆ Bench mounted
- ◆ 4 sided blades



# 3-in-1 Shear / Brake / Roll – SBR-5216

- ◆ Combination shear, sheet metal brake, and slip roll
- ◆ 52" forming width
- ◆ 16-gauge mild steel capacity
- ◆ Manually operated
- ◆ Segmented fingers on brake
- ◆ 3-wire grooves
- ◆ Bench mounted
- ◆ 4 sided blades

SPECIFICATIONS – SBR-5216		
Bed Width	52"	1,321 mm
Shear Capacity	16 ga. (.060")	1.5 mm
Bending Capacity	16 ga. (.060")	1.5 mm
Rolling Capacity	16 ga. (.060")	1.5 mm
Diameter of Rolls	2.38"	60.5 mm
Maximum Bend Angle	90°	
Minimum Rolling Dia.	3.57"	91 mm
Power Requirement	Manual	
Shipping Dimensions (LxWxH)	67" x 30" x 46"	1,702 x 762 x 1,168 mm
Shipping Weight	1,200 lbs.	544 kgs.

*Specifications subject to change without notice.*



# Arbor Presses – AP-3R / AP-5

SPECIFICATIONS – AP-3R		
Capacity	3 tons	2.7 tons
Ram Size	1.5"	38 mm
Throat Depth	5"	127 mm
Maximum Material Height	11"	279 mm
Power	Manual	
Shipping Dimensions (L x W x H)	18" x 9" x 25"	457 x 229 x 635 mm
Shipping Weight	132 lbs.	60 kgs.

Specifications subject to change without notice.

- ◆ Ratcheting action
- ◆ Square ram for greater strength
- ◆ Rigid cast frame
- ◆ Includes 4-position die plate
- ◆ Die openings 7/8", 1-1/4", 1-3/4", and 2-1/8"

AP-3R



SPECIFICATIONS – AP-5		
Capacity	5.6 tons	5 tons
Maximum Arbor Height	2.75"	70 mm
Ram Size	2" x 2"	50 mm x 50 mm
Throat Depth	8.89"	225.8 mm
Maximum Material Height	15.75"	400 mm
Power	Manual	
Shipping Dimensions (L x W x H)	30" x 15" x 37.5"	762 x 381 x 953 mm
Shipping Weight	365 lbs.	166 kgs.

Specifications subject to change without notice.

- ◆ Adjustable handle for increased leverage
- ◆ Square ram for greater strength
- ◆ Rigid cast frame
- ◆ Includes 4-position die plate
- ◆ Die openings 3/4", 1-3/8", 1-3/4", and 2-1/2"

AP-5



# Hydraulic H-Frame Presses – HSP-10H / HSP-20A

SPECIFICATIONS – HSP-10H		
Maximum Capacity	10 tons	9 tons
Working Width	13.5"	343 mm
Movable Cylinder	Yes	Yes
Cylinder Stroke	7"	178 mm
Cylinder Diameter	5.11"	130 mm
Piston Rod Diameter	1.5"	38 mm
Piston Head Diameter	2"	50.8 mm
Power	Manual	
Shipping Dimensions (L x W x H)	60" x 44" x 11"	1524 x 1118 x 279 mm
Shipping Weight	150 lbs.	68 kgs.

Specifications subject to change without notice.

- ◆ 10 ton
- ◆ Hand operated
- ◆ Fixed cylinder
- ◆ Automatic piston return
- ◆ Pressure gauge
- ◆ Includes vee-blocks
- ◆ 1/16" ram movement per pump
- ◆ 24" x 20" x 36" tall

**HSP-10H**



- ◆ 20 ton
- ◆ Pneumatic/manual operation
- ◆ Movable cylinder
- ◆ Automatic piston return
- ◆ Pressure gauge
- ◆ Includes vee-blocks
- ◆ 100 – 123 psi, 9 cfm

SPECIFICATIONS – HSP-20A		
Maximum Capacity	20 tons	18 tons
Working Width	19.25"	489 mm
Movable Cylinder	Yes	Yes
Cylinder Stroke	7.5"	190.5 mm
Cylinder Diameter	3"	76.2 mm
Piston Rod Diameter	2"	50.8 mm
Piston Head Diameter	2"	50.8 mm
Power	Pneumatic / Manual	
Shipping Dimensions (L x W x H)	68" x 44" x 24"	1727 x 1118 x 610 mm
Shipping Weight	319 lbs.	145 kgs.

Specifications subject to change without notice.

**HSP-20A**



# Hydraulic H-Frame Presses –HSP-30A / HSP-50A

SPECIFICATIONS – HSP-30A		
Maximum Capacity	30 tons	27 tons
Working Width	22.5"	571.5 mm
Movable Cylinder	Yes	Yes
Cylinder Stroke	5.9"	150 mm
Cylinder Diameter	4.5"	114 mm
Piston Rod Diameter	3.5"	89 mm
Piston Head Diameter	2.375"	60 mm
Power	Pneumatic / Manual	
Shipping Dimensions (L x W x H)	76" x 44" x 24"	1930 x 1118 x 610 mm
Shipping Weight	450 lbs.	205 kgs.

Specifications subject to change without notice.

- ◆ 30 ton
- ◆ Pneumatic/manual operation
- ◆ Movable cylinder
- ◆ Automatic piston return
- ◆ Pressure gauge
- ◆ Includes vee-blocks
- ◆ 100 – 123 psi, 9 cfm



- ◆ 50 ton
- ◆ Pneumatic/manual operation
- ◆ Foot pedal control
- ◆ Movable cylinder
- ◆ Automatic piston return
- ◆ Table winch
- ◆ Pressure gauge
- ◆ Includes vee-blocks
- ◆ 100 – 123 psi, 9 cfm

SPECIFICATIONS – HSP-50A		
Maximum Capacity	50 tons	45 tons
Working Width	28.5"	723 mm
Movable Cylinder	Yes	Yes
Cylinder Stroke	7.8"	200 mm
Cylinder Diameter	6"	152 mm
Piston Rod Diameter	3.5"	89 mm
Piston Head Diameter	2.75"	70 mm
Power	Pneumatic / Manual	
Shipping Dimensions (L x W x H)	83" x 44" x 24"	2108 x 1118 x 610 mm
Shipping Weight	803 lbs.	365 kgs.

Specifications subject to change without notice.



# Hydraulic H-Frame Presses – HSP-75A / HSP-100A

SPECIFICATIONS – HSP-75A		
Maximum Capacity	75 tons	67 ton
Working Width	31.5"	800 mm
Movable Cylinder	Yes	Yes
Cylinder Stroke	9.8"	249 mm
Cylinder Diameter	9"	228 mm
Piston Rod Diameter	3.5"	89 mm
Piston Head Diameter	3"	76.2 mm
Power	Pneumatic / Manual	
Shipping Dimensions (L x W x H)	83" x 44" x 24"	2108 x 1118 x 610 mm
Shipping Weight	1,300 lbs.	590 kgs.

Specifications subject to change without notice.

- ◆ 75 ton
- ◆ Pneumatic/manual operation
- ◆ Foot pedal control
- ◆ Movable cylinder
- ◆ Automatic piston return
- ◆ Table winch
- ◆ Pressure gauge
- ◆ Includes vee-blocks
- ◆ 100 – 123 psi, 9 cfm

- ◆ 100 ton
- ◆ Pneumatic/manual operation
- ◆ Foot pedal control
- ◆ Movable cylinder
- ◆ Automatic piston return
- ◆ Table winch
- ◆ Pressure gauge
- ◆ Includes vee-blocks
- ◆ 100 – 123 psi, 9 cfm

SPECIFICATIONS – HSP-100A		
Maximum Capacity	100 tons	89 tons
Working Width	31"	787 mm
Movable Cylinder	Yes	Yes
Cylinder Stroke	11.8"	300 mm
Cylinder Diameter	6.5"	165 mm
Piston Rod Diameter	4"	101 mm
Piston Head Diameter	3.5"	89 mm
Power	Pneumatic / Manual	
Shipping Dimensions (L x W x H)	86" x 45" x 24"	2184 x 1143 x 610 mm
Shipping Weight	1,705 lbs.	775 kgs.

Specifications subject to change without notice.



HSP-75A



HSP-100A

# Hydraulic H-Frame Presses – HSP-30M

SPECIFICATIONS – HSP-30M		
Return Speed	.25"/s	6 mm/s
Maximum Pressure	30 ton	
Motor	3 hp	2.2 Kw
Piston Head Diameter	2"	50 mm
Pump Speed	.95 gal/min	3.6 L/min
Oil Capacity	13 gal	50 L
Working Speed	.197"/s	5 mm/s
Working Width	27.5"	700 mm
Maximum Capacity	30 T	
Cylinder Stroke	9.8"	250 mm
Cylinder Movable	Yes	
Cylinder Diameter	5.74"	146 mm
RPM	1440	
Power	220V Single Phase	
Shipping Dimensions (L x W x H)	54" x 28" x 78"	1350 x 700 x 1960 mm
Shipping Weight	1,056 lbs.	480 kgs.

Specifications subject to change without notice.

- ◆ 30 ton
- ◆ Fully welded steel frame
- ◆ Piston style hydraulic pump
- ◆ 2pc V-block included
- ◆ Moveable cylinder
- ◆ Standard pressure gauge



# Hydraulic H-Frame Presses – HSP-30M-C

- ◆ 30 ton hydraulic H-frame press
- ◆ 15 ton hydraulic arbor press
- ◆ Fully welded steel frame
- ◆ 2pc V-block included
- ◆ 27.5" working width on main press
- ◆ 9.5" stroke on main press
- ◆ 7.75" stroke on side press
- ◆ 220V single-phase power



SPECIFICATIONS – HSP-30M-C		
Main Bed–Maximum Capacity	30 ton	27 ton
Main Working Speed–Ram Extension	.25"/s	6.3 mm/s
Main Return Speed–Ram Retraction	.3"/s	7.7 mm/s
Main Cylinder Stroke	10"	255 mm
Main Working Width	27.25"	692 mm
Main Cylinder Diameter	5.74"	146 mm
Main Piston Rod Diameter	2"	50.8 mm
Main Piston Head Diameter	2"	50.8 mm
Main Cylinder Movable	Yes	
Main Ram to Side Frame	8"	203 mm
Side Bed–Maximum Capacity	15 ton	13.6 ton
Side Working Speed–Ram Extension	.78"/s	19.7 mm/s
Side Return Speed–Ram Extension	.60"/s	32 mm/s
Side Cylinder Stroke	7.75"	197 mm
Side Table	9.875" x 8.25"	250 x 210 mm
Side Cylinder Diameter	2.76"	70 mm
Side Piston Rod Diameter	1.78"	45 mm
Side Piston Head Diameter	1.97"	50 mm
Power	220V, 1ph, 60hz	
Motor	3 hp	
Shipping Dimensions (L x W x H)	63" x 44" x 73"	1600 x 1118 x 1854 mm
Shipping Weight	1,056 lbs.	480 kgs.

*Specifications subject to change without notice.*

# Hydraulic H-Frame Presses – HSP-60M

SPECIFICATIONS – HSP-60M		
Return Speed	.303"/s	7.7 mm/s
Maximum Pressure	60 ton	
Motor	5.25 hp	4 Kw
Piston Head Diameter	3.14"	80 mm
Pump Speed	.18 gal/min	7 L/min
Oil Capacity	13 gal	50 L
Working Speed	.25"/s	6.2 mm/s
Working Width	41.25"	1050 mm
Maximum Capacity	60 T	
Cylinder Stroke	11.81"	300 mm
Cylinder Movable	Yes	
Cylinder Diameter	7.5"	192 mm
RPM	1440	
Power	220V Three Phase	
Shipping Dimensions (L x W x H)	60" x 36" x 85"	1500 x 900 x 2150 mm
Shipping Weight	2,420 lbs.	1100 kgs.

Specifications subject to change without notice.

- ◆ 60 ton
- ◆ Fully welded steel frame
- ◆ Piston style hydraulic pump
- ◆ 2pc V-block included
- ◆ Moveable cylinder
- ◆ Standard pressure gauge



# Hydraulic H-Frame Presses – HSP-60M-C



- ◆ 60 ton hydraulic H-frame press
- ◆ 15 ton hydraulic arbor press
- ◆ Fully welded steel frame
- ◆ 2pc V-block included
- ◆ 41.3" working width on main press
- ◆ 11.8" stroke on main press
- ◆ 11.75" stroke on side press
- ◆ 220V 3-phase power



SPECIFICATIONS – HSP-60M-C		
Main Bed–Maximum Capacity	60 ton	54 ton
Main Working Speed–Ram Extension	.32"/s	8.1 mm/s
Main Return Speed–Ram Retraction	.40"/s	10 mm/s
Main Cylinder Stroke	11.8"	300 mm
Main Working Width	41.3"	1050 mm
Main Cylinder Diameter	7.55"	192 mm
Main Piston Rod Diameter	3.15"	80 mm
Main Piston Head Diameter	3.15"	80 mm
Main Cylinder Movable	Yes	
Main Ram to Side Frame	8.5"	216 mm
Side Bed–Maximum Capacity	15 ton	13.6 ton
Side Working Speed–Ram Extension	.75"/s	20 mm/s
Side Return Speed–Ram Extension	1"/s	25.4 mm/s
Side Cylinder Stroke	11.75"	299 mm
Side Table	14.187" x 12.56"	360 x 319 mm
Side Cylinder Diameter	3.95"	100 mm
Side Piston Rod Diameter	1.97"	50 mm
Side Piston Head Diameter	1.77"	45 mm
Power	220V, 3ph, 60hz	
Motor	5.25 hp	
Shipping Dimensions (L x W x H)	63" x 44" x 73"	1600 x 1118 x 1854 mm
Shipping Weight	926 lbs.	420 kgs.

Specifications subject to change without notice.

# Hydraulic H-Frame Presses – HSP-66M HD

SPECIFICATIONS – HSP-66M		
Maximum Capacity	66 tons	60 tons
Maximum Pressure	3408 psi	
Working Speed	.086" / sec.	
Lowering Speed	.362" / sec.	
Return Speed	.5" / sec.	
Working Width	29.52"	750 mm
Cylinder		
Stroke	15.75"	400 mm
Diameter	8.26"	209 mm
Movable	Yes	
Piston		
Rod Diameter	3.54"	90 mm
Head Diameter	3.94"	100 mm
System Oil Capacity	2.11 gal	8 liters
Oil Tank Capacity	7.92 gal	30 liters
Pump Speed (2)	.871 / 3.619 / gal/min.	
RPM	3,000	
Motor	2 hp	
Power	220V / 3-phase	
Shipping Dimensions (L x W x H)	60" x 40" x 81"	1524x1016x2057mm
Shipping Weight	1,507 lbs.	685 kgs.

Specifications subject to change without notice.

- ◆ 2-speed hydraulic with manual mode
- ◆ Automatic cylinder return
- ◆ Movable cylinder design
- ◆ Standard pressure gauge
- ◆ Lift chains included
- ◆ Hydraulic return, not automatic



# Hydraulic H-Frame Presses – HSP-110M-HD



- ◆ 2-speed hydraulic with manual mode
- ◆ Automatic cylinder return
- ◆ Movable cylinder design
- ◆ Standard pressure gauge
- ◆ Lift chains included
- ◆ Hydraulic return, not automatic

SPECIFICATIONS – HSP-110M		
Maximum Capacity	110 tons	100 tons
Maximum Pressure	3858 psi	
Working Speed	.106" / sec.	
Lowering Speed	.362" / sec.	
Return Speed	.5" / sec.	
Working Width	36.22"	920 mm
Cylinder		
Stroke	15.75"	400 mm
Diameter	10"	254 mm
Movable	Yes	
Piston		
Rod Diameter	4.33"	110 mm
Head Diameter	4.72"	120 mm
System Oil Capacity	3.17 gal	12 liters
Oil Tank Capacity	7.92 gal	30 liters
Pump Speed (2)	1.5 / 5.17 gal/min.	
RPM	3,000	
Motor	3 hp	
Power	220V / 3-phase	
Shipping Dimensions (L x W x H)	67" x 37" x 84"	1702 x 940 x 2134 mm
Shipping Weight	2,101 lbs.	955 kgs.

*Specifications subject to change without notice.*

# Hydraulic H-Frame Presses – HSP-110M-1500-HD

SPECIFICATIONS – HSP-110M-1500-HD		
Maximum Capacity	106 ton	96.1 metric ton
Working Speed— Ram Extension	.28" / sec.	7.3 mm/sec.
Return Speed— Ram Retraction	.40" / sec.	10.4 mm/sec.
Cylinder Stroke	13.75"	350 mm
Table Dimensions (L x D)	59" x 15.93"	1499 x 405 mm
Cylinder Diameter	7.87"	200 mm
Piston Rod Diameter	4.13"	105 mm
Piston Head Diameter	4.13"	105 mm
Maximum Pressure	4350 psi	30 mPa
Pump Speed	3.96 gal./min.	15 L/min.
Cylinder Movable	Yes	
Power	220V / 3-phase, 60 hz	
Motor	10 hp	
Shipping Weight	6072 lbs.	2755 kgs.
Shipping Dimensions (L x W x H)	96" x 48" x 94"	2438x1219x2388mm

Specifications subject to change without notice.

- ◆ 106-ton capacity
- ◆ 220V 3-phase power
- ◆ 59" working width
- ◆ 13.75" stroke
- ◆ Cylinder moves left and right



# Hydraulic H-Frame Presses – HSP-176M-HD



## SPECIFICATIONS – HSP-176M

Maximum Capacity	176 tons	160 tons
Maximum Pressure	4104 psi	
Working Speed	.090" / sec.	
Lowering Speed	.350" / sec.	
Return Speed	.5" / sec.	
Working Width	43.3"	1500 mm
Cylinder		
Stroke	15.75"	400 mm
Diameter	12.75"	323 mm
Movable	Yes	
Piston		
Rod Diameter	5.51"	140 mm
Head Diameter	5.90"	150 mm
System Oil Capacity	4.5 gal	17 liters
Oil Tank Capacity	7.92 gal	30 liters
Pump Speed (2)	1.92 / 7.50 gal/min.	
RPM	3,000	
Motor	4 hp	
Power	220V / 3-phase	
Shipping Dimensions (L x W x H)	76" x 44" x 88"	1930 x 1118 x 2235 mm
Shipping Weight	3,465 lbs.	1575 kgs.

*Specifications subject to change without notice.*

- ◆ 2-speed hydraulic with manual mode
- ◆ Automatic cylinder return
- ◆ Movable cylinder design
- ◆ Standard pressure gauge
- ◆ Lift chains included
- ◆ Hydraulic return, not automatic

# Hydraulic H-Frame Presses – HSP-176M-1500-HD

SPECIFICATIONS – HSP-176M-1500-HD		
Return Speed	.393"/s	10 mm/s
Maximum Pressure	176 ton	
Motor	14.75 hp	11 Kw
Piston Head Diameter	11"	280 mm
Working Speed	.25"/s	6.2 mm/s
Approach Speed	.354"/s	9 mm/s
Working Width	61.75"	1570 mm
Maximum Capacity	176T	
Cylinder Stroke	11.75"	300 mm
Cylinder Movable	Yes	
Power	220V Three Phase	
Shipping Dimensions (L x W x H)	98" x 40" x 89"	2500 x 1000 x 2270 mm
Shipping Weight	4,620 lbs.	2100 kgs.

Specifications subject to change without notice.

- ◆ Fully welded steel frame
- ◆ 2-speed hydraulic
- ◆ Safety overload
- ◆ 2pc V-block included
- ◆ Moveable cylinder
- ◆ Standard pressure gauge
- ◆ Fully protected hydraulic system



# Hydraulic H-Frame Presses – HSP-200M-C



SPECIFICATIONS – HSP-200M-C	
Main Bed—Maximum Capacity	200 ton (181.4 ton)
Main Working Speed—Ram Extension	.15"/sec. (3.9 mm/sec.)
Main Return Speed—Ram Retraction	.22"/sec. (5.8 mm/sec.)
Main Cylinder Stroke	13.75" (350 mm)
Main Working Width	41.75" (1568 mm)
Main Cylinder Diameter	11" (280 mm)
Main Piston Rod Diameter	6.125" (155 mm)
Main Piston Head Diameter	6.125" (155 mm)
Main Cylinder Movable	Yes
Main Ram to Side Frame	11.5" (292 mm)
Side Bed,—Maximum Capacity	20 ton (18.1 ton)
Side Working Speed - Ram Extension	.75" / sec. (20 mm/sec.)
Side Return Speed - Ram Retraction	1" / sec. (25.4 mm/sec.)
Side Cylinder Stroke	11.75" (299 mm)
Side Table	16.5" x 19" (419 x 482 mm)
Side Cylinder Diameter	3.95" (100 mm)
Side Piston Rod Diameter	1.97"(50 mm)
Side Piston Head Diameter	1.77" (45 mm)
Power	220V, 3 ph, 60 hz
Motor	10 hp
Shipping Dimensions	88.6" x 43.5" x 87" (2250 x 1105 x 2210 mm)
Shipping Weight	6,955 lbs. (3162 kg)

*Specifications subject to change without notice.*

- ◆ 200-ton hydraulic H-frame press
- ◆ 20-ton hydraulic arbor press
- ◆ Fully welded steel frame
- ◆ 2pc V-block included
- ◆ 61.75" working width on main press
- ◆ 11.8" stroke on main press
- ◆ 11.75" stoke on side press
- ◆ 220V 3-phase power

# Hydraulic C-Frame Presses – CFP-30HD

SPECIFICATIONS – CFP-30HD		
Nominal Down Force	45 tons	40 tons
Nominal Return Force	10 tons	9 tons
Throat Depth	25.4"	645 mm
Max. Ram Stroke	15"	380 mm
Approach Speed	1.26" per sec.	32 mm/s
Working Speed	0.28" per sec.	7 mm/s
Return Speed	1.8" per sec.	45 mm/s
Bed Bolster Size (W x D x T)	27.56" x 23.625" x 1.75"	700 x 600 x 45 mm
Ram Bolster Size (W x D x T)	27.56" x 13.8" x 1.69"	700 x 350 x 43 mm
Height of Worktable above Floor	27.25"	692 mm
Shank Hole	3.9"	100 mm
Motor	5 hp	3.6 kw
Power Requirement	480V / 3-Phase, 60hz	415V / 3-Phase, 50hz
Max. Working Pressure	3539 psi	244 bar
Oil Tank Capacity	23.7 gal	90L
Shipping Dimensions (L x W x H)	44.25" x 62" x 86.5"	1124 x 1575 x 2197 mm
Shipping Weight	4,410 lbs.	2,000 kgs.

Specifications subject to change without notice.

- ◆ 45-tons
- ◆ C-frame press
- ◆ Perfect for pressing or straightening
- ◆ Fully welded construction
- ◆ Hydraulically operated
- ◆ Adjustable slide pressure
- ◆ Two speed pressing
- ◆ Separate control pedestal
- ◆ 480V 3-phase



# Hydraulic C-Frame Presses – CFP-70HD



SPECIFICATIONS – CFP-70HD		
Nominal Down Force	70 tons	62 tons
Nominal Return Force	10 tons	9 tons
Throat Depth	25.6"	650 mm
Max. Ram Stroke	16.5"	419 mm
Max. Dist. Between Bolsters	20.625"	523.8 mm
Min. Dist. Between Bolsters	4.125"	104.7 mm
Approach Speed	1.26" per sec.	32 mm/s
Working Speed	0.28" per sec.	7 mm/s
Return Speed	1.8" per sec.	45 mm/s
Bed Bolster Size (W x D x T)	27.56" x 23.625" x 1.75"	700 x 600 x 45 mm
Ram Bolster Size (W x D x T)	27.56" x 13.8" x 2.16"	700 x 350 x 55 mm
Height of Worktable above Floor	26.25"	667 mm
Shank Hole	3.9"	100 mm
Motor	12 hp	9 kw
Power Requirement	480V / 3-Phase, 60hz	415V / 3-Phase, 50hz
Max. Working Pressure	3423 psi	236 bar
Oil Tank Capacity	23.7 gal	90L
Shipping Dimensions (L x W x H)	48.25" x 62" x 88.5"	1225 x 1575 x 2250 mm
Shipping Weight	6,600 lbs.	2,462 kgs.

*Specifications subject to change without notice.*

- ◆ 70-tons
- ◆ Open design C-frame press
- ◆ Perfect for pressing or straightening
- ◆ Fully welded construction
- ◆ Hydraulically operated
- ◆ Adjustable slide pressure
- ◆ Two speed pressing
- ◆ Separate control pedestal
- ◆ 480V 3-phase

# Hydraulic C-Frame Presses – CFP-112HD

SPECIFICATIONS – CFP-112HD		
Nominal Down Force	112 tons	100 tons
Nominal Return Force	10 tons	9 tons
Throat Depth	16.25"	412 mm
Max. Ram Stroke	15"	380 mm
Approach Speed	1.26" per sec.	32 mm/s
Working Speed	0.28" per sec.	7 mm/s
Return Speed	1.8" per sec.	45 mm/s
Bed Bolster Size (W x D x T)	31.5" x 20.86" x 3"	800 x 530 x 78 mm
Ram Bolster Size (W x D x T)	31.5" x 13.8" x 3"	800 x 350 x 78 mm
Height of Worktable above Floor	27.25"	705 mm
Shank Hole	3.9"	100 mm
Motor	17.5 hp	13.2 kw
Power Requirement	480V / 3-Phase, 60hz	415V / 3-Phase, 50hz
Max. Working Pressure	3815 psi	263 bar
Oil Tank Capacity	34.3 gal	130L
Shipping Dimensions (L x W x H)	48.25" x 62" x 88.5"	1225 x 1575 x 2250 mm
Shipping Weight	6,835 lbs.	3,100 kgs.

Specifications subject to change without notice.

- ◆ 112-tons
- ◆ Open design C-frame press
- ◆ Perfect for pressing or straightening
- ◆ Fully welded construction
- ◆ Hydraulically operated
- ◆ Adjustable slide pressure
- ◆ Two speed pressing
- ◆ Separate control pedestal
- ◆ 480V 3-phase



# Bench Presses – BP-3 / BP-10E

SPECIFICATIONS – BP-3		
Capacity	3 tons	2.6 tons
Stroke	3"	76 mm
Throat Depth	12" x 3-3/4"	305 mm x 95 mm
Power	Manual	
Stand	Included	
Shipping Dimensions (L x W x H)	28" x 17" x 28"	711 x 432 x 711 mm
Shipping Weight	165 lbs.	75 kgs.

Specifications subject to change without notice.

- ◆ Manually operated
- ◆ 3-ton capacity
- ◆ Includes stand
- ◆ Accepts louver, shear, brake, punch tooling and much more (sold separately)



BP-3

SKU	Description
1000795	1" Louver Die Set for BP-3/10
1000797	2" Louver Die Set for BP-3/10
1000798	3" Louver Die Set for BP-3/10
1000816	4" Louver Die Set for BP-3/10
1000817	5" Louver Die Set for BP-3/10
1000818	90 Degree Bend Kit for BP-3/10
1000819	Corner Notcher Kit for BP-3/10
1000820	Complete Set of Punch and Bead Dies, Set Includes 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"
1000821	Complete Set of Punch and Flare Dies, Set Includes 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"
1000822	Radius Corner Attachment for BP-3/10, Radius are 1", 3/4", 1/2", and 1/4"
1000823	Shear Kit for BP-3/10

- ◆ Hydraulically operated
- ◆ 10-ton capacity
- ◆ 25" throat depth
- ◆ 110V
- ◆ Accepts louver, shear, brake, punch tooling and much more (sold separately)
- ◆ 1– 15 strokes/min.

SPECIFICATIONS – BP-10E		
Capacity	10 tons	9 tons
Stroke	4"	101 mm
Throat Depth	25" x 6"	635 mm x 152 mm
Table Height	18"	457 mm
Power	110V	
Shipping Dimensions (L x W x H)	54" x 46" x 25"	1372 x 1168 x 635 mm
Shipping Weight	880 lbs.	400 kgs.

Specifications subject to change without notice.



BP-10E



# Ironworkers – HP-160

SPECIFICATIONS – HP-160		
Max. Punching Capacity	.314"	4.775 mm
Throat Depth	6.25"	159 mm
Power	Manual	
Shipping Dimensions (L x W x H)	20.5" x 9" x 36.6"	521 mm x 229 mm x 927 mm
Shipping Weight	176 lbs.	80 kgs.

Specifications subject to change without notice.

- ◆ Adjustable material stop
- ◆ Nine sets of punches and dies included
- ◆ Extra long handle for increased leverage
- ◆ Includes round punches and dies for 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", and 5/8"



**HP-160  
Hand Punch**



# Ironworkers – SW-22M



SW-22M  
Shear

## SPECIFICATIONS – SW-22M

SHEAR CAPACITY		
Round	.625"	16 mm
Square	.625"	16 mm
Flat Bar	4" x .312"	100 mm x 8 mm
Angle Iron	2.375" x 2.375" x .250"	60 mm x 60 mm x 6 mm
Plate	.250"	6 mm
Power Requirement		Manual
Shipping Dimensions (L x W x H)		39" x 16" x 26" / 991 mm x 406 mm x 660 mm
Shipping Weight		253 lbs. / 115 kgs.

Specifications subject to change without notice.

- ◆ Shears angle iron, flat bar, T-bar, round and square stock
- ◆ Rigid construction
- ◆ Adjustable material hold down
- ◆ Spring-assisted return

# Ironworkers – SW-22M-P

SPECIFICATIONS – SW-22M-P		
Shear Capacity Flat	4" x 5/16"	100 mm x 8 mm
Shear Capacity Plate	1/4"	6 mm
Shear Capacity Round	5/8"	15.8 mm
Shear Capacity Square	5/8"	15.8 mm
Shear Capacity Angle	2-3/8" x 1/4"	60 mm x 6 mm
Throat Depth	6.25	158.75 mm
Maximum Punching Capacity	.314"	8 mm
Power	Manual	
Shipping Weight	345 lbs.	(157 kgs.)
Dimensions (L x W x H)	39" x 16" x 26"	990 x 400 x 600 mm

Specifications subject to change without notice.

- ◆ Combines HP-160 and SW-22M into one compact machine
- ◆ Made from plate steel
- ◆ Extra-long handle for more leverage
- ◆ Shear station shears angle, flat, T-bar, round, and square stock
- ◆ Includes material hold downs
- ◆ Includes round punches and dies for 1/8", 1/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", and 5/8"



# Ironworkers – HP-50H



SPECIFICATIONS – HP-50H	
Punching Pressure	See Chart
Voltage	110V
Motor Hp	.5
Maximum Pump Pressure	30 bar /700 bar Double Acting
Maximum Flow Rate	275 / 17/(cu.in./min)
Oil Volume	1.3 Gallon
Maximum Pressure	50 Tons
Weight of Cylinder	150 lbs. (68 kgs.)
Shipping Weight	345 lbs. (157 kgs.)
Dimensions (L x W x H)	36" x 24" x 24" (914.4 x 609.6 x 609.6 mm)

Specifications subject to change without notice.

## Punch Features

- ◆ Includes punches for the following bolt sizes, 1/2", 5/8", 3/4", 7/8", and 1"
- ◆ Complete set including electric pump and hoses
- ◆ Double-acting cylinder design for fast cycle times
- ◆ Punch and die changeover tools included
- ◆ Includes Depth Stop
- ◆ Lifting bracket included
- ◆ Adjustable stripper prevents movement of the metal during stripping

## Electric Pump Features

- ◆ Covers most applications in the industry
- ◆ High flow rate reaches 17in<sup>3</sup>/min
- ◆ 10ft 24volt remote control for operator safety
- ◆ .5hp motor
- ◆ Starts under full load



Hole Size (mm)	Bolt Size (mm)	Maximum Allowable Material Thickness to be Punched Based on Material Type (mm)										
		1	2	3	4	5	6	7	8	9	10	11
		Mild A-7	Boiler Plate	Structural A-36	Structural (ASTM A242)	Cold Rolled C-1018	Hot Rolled C-1050	Hot Rolled C-1095	Hot Rolled C-1095 Annealed	Stainless Annealed	Stainless 304 Hot Rolled	Stainless 316 Cold Rolled
13.5	M12	13.5	13.5	13.5	13.5	13.5	12.4	8.1	10.2	12.4	12.4	12.4
16.7	M16	—	—	—	—	—	13	8.1	10.2	13	13	13
19.8	M18	—	—	—	—	—	12.4	8.1	10.2	12.4	12.4	12.4
23.1	M20	14.2	14.2	14.2	12.7	14.2	8.9	5.6	8.9	8.9	8.9	8.9
26.2	M24	—	14.2	14.2	11.2	14.2	7.9	4.8	7.9	7.9	7.9	7.9

# Ironworkers – SW-44

SPECIFICATIONS – SW-44		
<b>Punching</b>		
Punching Pressure	44 Tons	40 Tons
Punch Capacity	.75" x .625"	20 mm x 15 mm
(Diameter x Thickness)	1.5" x .375"	38 mm x 8 mm
Throat Depth	6.88"	175 mm
Max. Stroke Length	1.125"	32 mm
Cycles / Min.		23
Working Height Up to Die	42.32"	1075 mm
<b>Flat Shearing</b>		
Flat Bar Shearing	7.87" x .5"	200 mm x 13 mm
(Width x Thickness)	13.77" x .25"	350 mm x 6 mm
Blade Length	13.87"	352.5 mm
Angle Flange Trim	3.14" x .393"	80 mm x 10 mm
Working Height	42.32"	1075 mm
<b>Angle Shearing</b>		
At 90° Shearing	3" x 3" x .25"	75 mm x 75 mm x 6 mm
Working Height	40"	1016 mm
<b>Bar Shearing</b>		
Round Bar Shear	1.125"	30 mm
Square Bar Shear	1" x 1"	25 mm x 25 mm
Working Height	44.88"	1140 mm
<b>Other</b>		
Electrical Requirements	5 Hp – 220V 1/3-Phase	
Net Weight (Apr.)	1,320 lbs.	600 kg.
Dimensions (L x W x H)	44" x 22" x 59"	1120 mm x 560 mm x 1500 mm

Specifications subject to change without notice.

The SW-44 Hydraulic Ironworker from Baileigh Industrial is a 4 station machine with 44 tons of punching and shearing force. The four main functions of the SW-44 are punching, flat bar shearing, angle cutting, and section cutting for profiles. This pivot style Ironworker is perfect for the shop on a budget, but this does not mean that it is short on features. The SW-44 is available in both single and three phase versions and are both CSA and CE certified.

- ◆ 44 Ton
- ◆ Oversize tables with adjustable stops
- ◆ Foot pedal controlled
- ◆ CE and CSA certified
- ◆ Material hold downs
- ◆ Includes 3/4" round punch
- ◆ Stroke control
- ◆ Many optional accessories available
- ◆ 220V single or three phase



OPTIONAL TOOLING	
SKU	Description
1007782	Single Vee press Break Attachment for SW-44
1007764	1/4" Round Punch and Die Set for SW-44 1/32" Clearance
1007765	5/16" Round Punch and Die Set for SW-44 1/32" Clearance
1007766	3/8" Round Punch and Die Set for SW-44 1/32" Clearance
1007767	7/16" Round Punch and Die Set for SW-44 1/32" Clearance
1007768	1/2" Round Punch and Die Set for SW-44 1/32" Clearance
1007769	9/16" Round Punch and Die Set for SW-44 1/16" Clearance
1007770	5/8" Round Punch and Die Set for SW-44 1/16" Clearance
1007771	11/16" Round Punch and Die Set for SW-44 1/16" Clearance
1007772	3/4" Round Punch and Die Set for SW-44 1/16" Clearance
1007773	13/16" Round Punch and Die Set for SW-44 3/32" Clearance
1007774	7/8" Round Punch and Die Set for SW-44 3/32" Clearance
1007775	15/16" Round Punch and Die Set for SW-44 3/32" Clearance
1007776	1" Round Punch and Die Set for SW-44 3/32" Clearance
1007777	1-1/16" Round Punch and Die Set for SW-44 1/8" Clearance
1007778	1-1/8" Round Punch and Die Set for SW-44 1/8" Clearance
1007779	1-3/16" Round Punch and Die Set for SW-44 1/8" Clearance
1007780	1-1/4" Round Punch and Die Set for SW-44 1/8" Clearance
1007781	1-1/2" Round Punch and Die Set for SW-44 1/8" Clearance
1007783	1/4" Square Punch and Die Set for SW-44 1/32" Clearance
1007784	1/2" Square Punch and Die Set for SW-44 1/32" Clearance
1007785	3/4" Square Punch and Die Set for SW-44 1/16" Clearance
1007786	1" Square Punch and Die Set for SW-44 3/32" Clearance

Baileigh Industrial's industry leading SW-50 Hydraulic Ironworker is the perfect addition to any fabrication shop where punching, shearing, and notching is required in plate, bar, and various types of angle iron. Its robust, versatile design boasts an impressive 50 tons of vertical pressure to power through most any fabrication requirement. Available in both single and three phase power, the SW-50 is designed and manufactured with a lifetime of productivity in mind.

- ◆ True vertical movement at all stations
- ◆ Oversize tables with adjustable material stops
- ◆ Electronic stroke control
- ◆ Swing away material stripper
- ◆ Material waste bins
- ◆ Manual back gauge
- ◆ Jog feature for easy tooling setup
- ◆ Quick release coupler enables easy tool changeover
- ◆ Safety interlock switches
- ◆ Includes 7 sets of punches and dies (7/16" to 1-1/16")



SPECIFICATIONS – SW-50		
<b>Punching</b>		
Punching Pressure	50 Tons	44 Tons
Punch Capacity	.875" x .625"	22 mm x 15 mm
(Diameter x Thickness)	1.625" x .375"	40 mm x 8 mm
Throat Depth	6"	150 mm
Max. Stroke Length	1.125"	30 mm
Cycles / Min.		19 @ 15 mm
Working Height Up to Die	39.5"	1000 mm
<b>Flat Shearing</b>		
Flat Bar Shearing	10" x .375"	255 mm x 10 mm
Blade Length	10.25"	260 mm
Angle Flange Trim	3"	75 mm
Working Height	32.5"	826 mm
<b>Angle Shearing</b>		
At 90° Shearing	3" x 3" x .25"	75 mm x 75 mm x 6 mm
Working Height	40"	1016 mm
<b>Bar Shearing</b>		
Round Bar Shear	1.125"	30 mm
Square Bar Shear	1" x 1"	25 mm x 25 mm
Working Height	43"	1094 mm
<b>Notching</b>		
Rect. Notcher (W x D x T)	2" x 3.5" x .281"	50.8 mm x 90 mm x 7 mm
Working Height	40"	1016 mm
<b>Special Tooling</b>		
Single Vee Press Brake (L x T)*	6.312" x .312"*	160 mm x 8 mm*
Multi-Vee Press Brake (L x T)*	9.875" x .156"*	250 mm x 4 mm*
Angle Bending*	2.5" x .312"*	65 mm x 8 mm*
Pipe Notching*	2.5"*	63 mm*
Vee-Notcher (Side x Side x T)*	3.5" x 3.5" x .312"*	90 mm x 90 mm x 8 mm*
<b>Other</b>		
Electrical Requirements	3 Hp – 220V 1/3-Phase	
Net Weight (Apr.)	1,650 lbs.	750 kg.
Dimensions (L x W x H)	38" x 27" x 62"	965 mm x 686 mm x 1575 mm

\*Optional Tooling – Call your Baileigh Representative. Based on material tensile strength of 65,000 PSI. Specifications subject to change without notice.

*Swing away stripper for easy access and fast tooling changes.*



# Ironworkers – SW-62

When you need more power, give the five station 62 ton SW-62 Ironworker a try. The SW-62, as with all Baileigh Ironworkers, utilizes true vertical movement eliminating troublesome pivot points and linkages. This vertical design gives Baileigh Ironworkers the smoothest operation on the market. With both single and three phase power options available, the SW-62 is the preferred choice when choosing a single operator machine.

- ◆ True vertical movement at all stations
- ◆ Oversize tables with adjustable material stops
- ◆ Electronic stroke control
- ◆ Swing away material stripper
- ◆ Material waste bins
- ◆ Manual back gauge
- ◆ Jog feature for easy tooling setup
- ◆ Quick release coupler enables easy tool changeover
- ◆ Safety interlock switches
- ◆ Includes 7 sets of punches and dies (7/16" to 1-1/16")



Swing away stripper for easy access and fast tooling changes.

SPECIFICATIONS – SW-62		
<b>Punching</b>		
Punching Pressure	62 Tons	55 Tons
Punch Capacity	1.125" x .625"	28 mm x 15 mm
(Diameter x Thickness)	1.625" x .437"	40 mm x 11 mm
Throat Depth	8"	200 mm
Max. Stroke Length	2"	50 mm
Cycles / Min.	28 @ 15 mm	
Working Height Up to Die	39.5"	1000 mm
<b>Flat Shearing</b>		
Flat Bar Shearing	13.50" x .625"	350 mm x 15 mm
Blade Length	14.125"	360 mm
Angle Flange Trim	4"	100 mm
Working Height	31.5"	799 mm
<b>Angle Shearing</b>		
At 90° Shearing	4" x 4" x .375"	100 mm x 100 mm x 8 mm
Working Height	40"	1016 mm
<b>Bar Shearing</b>		
Round Bar Shear	1.5"	40 mm
Square Bar Shear	1.5" x 1.5"	38 mm x 38 mm
Working Height	44"	1118 mm
<b>Notching</b>		
Rect. Notcher (W x D x T)	2" x 3.5" x .312"	50.8 mm x 90 mm x 8 mm
Working Height	40"	1016 mm
<b>Special Tooling</b>		
Single Vee Press Brake (L x T)*	6.312" x .312**	160 mm x 8 mm*
Multi-Vee Press Brake (L x T)*	9.875" x .156**	250 mm x 4 mm*
Angle Bending*	2.5" x .312**	65 mm x 8 mm*
Pipe Notching*	2.5**	63 mm*
Vee-Notcher (Side x Side x T)*	3.5" x 3.5" x .312**	90 mm x 90 mm x 8 mm*
Channel Shear	4**	102 mm*
I Beam Shear	4**	102 mm*
<b>Other</b>		
Electrical Requirements	5 Hp – 220V 1/3-Phase 60	
Net Weight (Apr.)	2,310 lbs.	1050 kg.
Dimensions (L x W x H)	45" x 30" x 68"	1092 mm x 762 mm x 1727 mm

\*Optional Tooling – Call your Baileigh Representative. Based on material tensile strength of 65,000 PSI. Specifications subject to change without notice.

With 95 tons of punching power and 123 tons of shearing and notching pressure, the dual operator SW-95 Ironworker is the perfect option for production fabrication shops. The hydraulic material holder at the shear station provides for incredibly accurate and distortion free cuts. Constructed from heavy structural plate that is first bolted, then electro-welded in place, the SW-95 has the power and performance that demanding shops require.

- ◆ Dual Cylinder/ Dual Operator Design
- ◆ True vertical movement at all stations
- ◆ Hydraulic material hold downs at shear station
- ◆ Oversize tables with quick adjust material stops
- ◆ Two position die holder on easy adjust T-slots
- ◆ Electronic stroke control
- ◆ Swing away material stripper
- ◆ Material waste bins
- ◆ Electric back gauge with adjustable timer
- ◆ Jog feature for easy tooling setup
- ◆ Quick release coupler enables easy tool changeover
- ◆ Safety interlock switches
- ◆ Halogen work light
- ◆ Includes 7 sets of punches and dies (7/16" to 1-1/16")



Shearing station with hydraulic hold down      Electric back gauge



SPECIFICATIONS – SW-95		
<b>Punching</b>		
Punching Pressure	95 Tons	85 Tons
Punch Capacity (Diameter x Thickness)	1.062" x .875" 2" x .5"	27 mm x 22 mm 50 mm x 12 mm
Throat Depth	16"	406 mm
Max. Stroke Length	3.93"	100 mm
Cycles / Min.	38 @ 15 mm	
Working Height Up to Die	41.3"	1050 mm
<b>Flat Shearing</b>		
Flat Bar Shearing	16" x .75"	406 mm x 20 mm
Blade Length	16.125"	410 mm
Angle Flange Trim	4"	100 mm
Working Height	28.5"	726 mm
<b>Angle Shearing</b>		
At 90° Shearing	5.125" x 5.125" x .5"	130 mm x 130 mm x 12 mm
Working Height	40.9"	1040 mm
<b>Bar Shearing</b>		
Round Bar Shear	1.75"	45 mm
Square Bar Shear	1.75" x 1.75"	45 mm x 45 mm
<b>Notching</b>		
Rect. Notcher (W x D x T)	2" x 3.5" x .5"	50 mm x 90 mm x 12 mm
Working Height	41.3"	1050 mm
<b>Special Tooling</b>		
Single Vee Press Brake (L x T)*	9.875" x .625"*	250 mm x 15 mm*
Multi-Vee Press Brake (L x T)*	19.625" x .187"*	500 mm x 5 mm*
Angle Bending*	4" x .312"*	102 mm x 8 mm*
Pipe Notching*	4.4"*	114 mm*
Large V-Notcher (Side x Side x T)*	5.75" x 5.75" x .375"*	145 mm x 145 mm x 10 mm*
Vee-Notcher (Side x Side x T)*	4.1" x 4.1" x .5"*	105 mm x 105 mm x 12 mm*
<b>Other</b>		
Electrical Requirements	10 Hp – 220V 3-Phase	
Net Weight (Apr.)	6,050 lbs.	2750 kg.
Dimensions (L x W x H)	70.6" x 40.1" x 73.4"	1795 mm x 1020 mm x 1865 mm

\*Optional Tooling – Call your Baileigh Representative. Based on material tensile strength of 65,000 PSI. Specifications subject to change without notice.

# Ironworkers – SW-132

When you want it all, look no further than Baileigh Industrial's SW-132. The massive 132 tons of punching pressure, coupled with 179 tons of force at the shear and notching station makes the SW-132 the most powerful and feature packed unit in our lineup. This massive power, the dual operator design, and our famous quiet, smooth operation make

this the ultimate workhorse for any application.

- ◆ Dual Cylinder/ Dual Operator Design
- ◆ True vertical movement at all stations
- ◆ Hydraulic material hold downs at shear station
- ◆ Oversize tables with quick adjust material stops
- ◆ Two position die holder on easy adjust T-slots
- ◆ Electronic stroke control
- ◆ Swing away material stripper
- ◆ Material waste bins
- ◆ Electric back gauge with adjustable timer
- ◆ Jog feature for easy tooling setup
- ◆ Quick release coupler enables easy tool changeover
- ◆ Safety interlock switches
- ◆ Halogen work light
- ◆ Includes 7 sets of punches and dies (7/16" to 1-1/16")

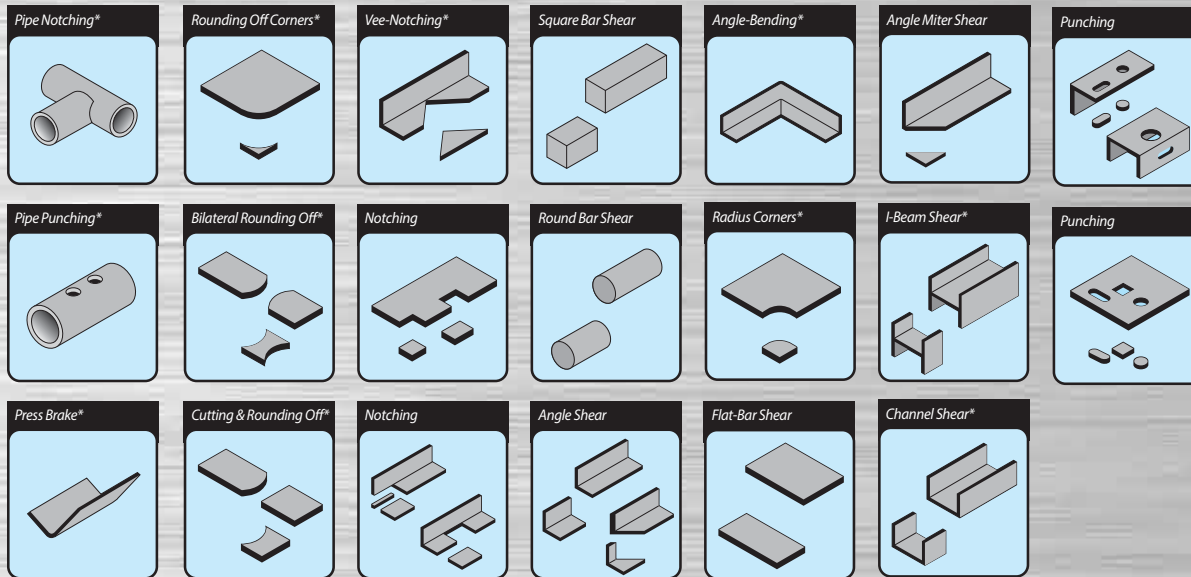
SPECIFICATIONS – SW-132		
<b>Punching</b>		
Punching Pressure	132 Tons	120 Tons
Punch Capacity	1.125" x 1.062"	30 mm x 27 mm
(Diameter x Thickness)	2" x .625"	50 mm x 16 mm
Throat Depth	16"	406 mm
Max. Stroke Length	3"	75 mm
Cycles / Min.	30 @ 15 mm	
Working Height Up to Die	41.3"	1050 mm
<b>Flat Shearing</b>		
Flat Bar Shearing	18.1" x .75"	460 mm x 20 mm
Blade Length	18.3"	465 mm
Angle Flange Trim	4"	100 mm
Working Height	30.3"	770 mm
<b>Angle Shearing</b>		
At 90° Shearing	6" x 6" x .6"	152 mm x 152 mm x 15 mm
Working Height	39"	990 mm
<b>Bar Shearing</b>		
Round Bar Shear	1.75"	45 mm
Square Bar Shear	1.75" x 1.75"	45 mm x 45 mm
<b>Notching</b>		
Rect. Notcher (W x D x T)	2" x 3.5" x .5"	50 mm x 90 mm x 12 mm
Working Height	41.3"	1050 mm
<b>Special Tooling</b>		
Single Vee Press Brake (L x T)*	9.875" x .75"*	250 mm x 20 mm*
Multi-Vee Press Brake (L x T)*	27.5" x .187"*	700 mm x 5 mm*
Angle Bending*	4" x .5"*	102 mm x 13 mm*
Pipe Notching*	4.4"*	114 mm*
Large V-Notcher (Side x Side x T)*	5.75" x 5.75" x .5"*	145 mm x 145 mm x 13 mm*
Vee-Notcher (Side x Side x T)*	4.1" x 4.1" x .6"*	105 mm x 105 mm x 15 mm*
<b>Other</b>		
Electrical Requirements	15 Hp – 220V 3-Phase	
Net Weight (Apr.)	9,460 lbs.	4300 kg.
Dimensions (L x W x H)	85.5" x 44" x 80.7"	2170 mm x 1120 mm x 2050 mm

\*Optional Tooling – Call your Baileigh Representative. Based on material tensile strength of 65,000 PSI. Specifications subject to change without notice.



Shearing station with hydraulic hold down

# Ironworkers – Tooling



\*Denotes Optional Tooling

Baileigh Industrial, long known for their top quality line of metal fabricating equipment, now has their own line of tooling for their Industrial line of Ironworkers.

Baileigh Industrial carries a vast amount of tooling in stock and can special order just about anything your job would require.

We carry a full range of punches and dies for various punching needs.

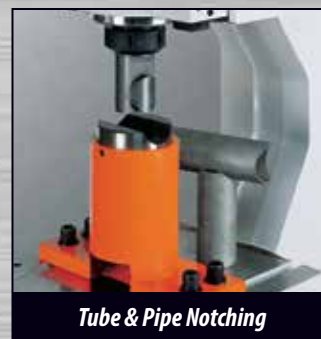
Baileigh Industrial also offers a full line of accessories for specialized applications.



**Channel or Angle Punching**



**Channel Shearing**



**Tube & Pipe Notching**



**Multi Vee Brake**



**Single Vee Brakes**



# Ornamental Metal Forming – FB-4 / LB-8

## SPECIFICATIONS – FB-4

Capacity	3/16"	4.76 mm.
Shipping Dimensions (L x W x H)	17" x 7" x 8"	432 x 178 x 203 mm
Shipping Weight	19 lbs.	9 kgs.

Specifications subject to change without notice.

- ◆ 3/16" capacity
- ◆ Bench-mounted
- ◆ Bends material up to 4" wide



FB-4



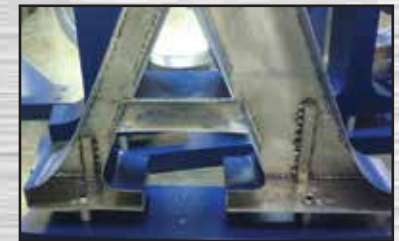
LB-8

## SPECIFICATIONS – LB-8

Aluminum Capacity	.060"	1.5 mm
Power	Manual	
Shipping Dimensions (L x W x H)	36" x 20" x 12"	915 x 508 x 305 mm
Shipping Weight	90 lbs.	41 kgs.

Specifications subject to change without notice.

- ◆ Open jaw design
- ◆ Depth stop included
- ◆ Easy to use
- ◆ Free standing
- ◆ Perfect for making letters



# Ornamental Metal Forming – MCB-650

- ◆ Bends up to 200°
- ◆ 7 radius dies included
- ◆ Pedestal stand standard

SPECIFICATIONS – MCB-650		
Bend Capacity	2" x .236"	50 mm x 6 mm
Angle Capacity	0° – 200°	
Shipping Dimensions (L x W x H)	35" x 10.5" x 10.5"	889 x 267 x 267 mm
Shipping Weight	53 lbs.	25 kgs.

*Specifications subject to change without notice.*



# Ornamental Metal Forming – MPB-10 / MPB-15

## SPECIFICATIONS – MPB-10

Capacity		
Round	.394"	10 mm
Flat Bar	1.180" x .394"	30 mm x 10 mm
Square	.394"	10 mm
Shipping Dimensions (L x W x H)	36" x 20" x 15"	914 x 508 x 381 mm
Shipping Weight	50 lbs.	23 kgs.

Specifications subject to change without notice.

- ◆ Scroll bender
- ◆ Includes 3" and 7" tooling
- ◆ Bench-mounted
- ◆ 3", 5" and 7" scroll die



MPB-10



MPB-15

## SPECIFICATIONS – MPB-15

Capacity		
Round	.590"	15 mm
Flat Bar	1.180" x .314"	30 mm x 8 mm
Square	.511"	13 mm
Scroll Capacity	.375"	9.5 mm
Shipping Dimensions (L x W x H)	20" x 13" x 9"	508 x 330 x 228 mm
Shipping Weight	52 lbs.	24 kgs.

Specifications subject to change without notice.

- ◆ Bend rolls, hoops, and coils
- ◆ Works with round, square, and flat stock
- ◆ Bench-mounted
- ◆ 3" diameter pin
- ◆ 90° bend die
- ◆ 5-1/4" scroll

# Ornamental Metal Forming – MPB-40

## SPECIFICATIONS – MPB-40

Scroll Capacity		
Round	3/8"	9.5 mm
Square	3/8"	9.5 mm
Flat Bar	1-1/4" x 1/4"	32 x 6.3 mm
Bend Capacity		
Round	3/8"	9.5 mm
Square	3/8"	9.5 mm
Flat Bar	1-1/4" x 1/4"	32 x 6.3 mm
Twist Capacity		
Round	3/8"	9.5 mm
Square	3/8"	9.5 mm
Flat Bar	1-1/4" x 1/4"	32 x 6.3 mm
Shear Capacity		
Round	.236	6 mm
Square	.236	6 mm
Punching Capacity		
	1/8"	3 mm
Shipping Dimensions (L x W x H)		
	42" x 34" x 13"	1067 x 864 x 330 mm
Shipping Weight		
	75 lbs.	34 kgs.

Specifications subject to change without notice.

- ◆ Complete ornamental system
- ◆ Scroll      ◆ Twist
- ◆ Bend      ◆ Roll
- ◆ Shear      ◆ Small compact size
- ◆ 6-1/2" scroll die

The MPB-40 bench top bending system from Baileigh Industrial can bend, twist, and roll wrought iron up to 1-1/4" X 1/4" rectangular and 3/8" square or round stock. This system is perfect for fabricating flat metal railing and other ornamental items.

The MPB-40 includes a complete set of jigs for bending wrought iron into just about any shape imaginable. The MPB-40 ornamental bender can bend curves, spirals, angles, and do twisting as well. One other added feature of the MPB-40 is that it also includes a manual shear for cutting your stock to the proper length.



# Ornamental Metal Forming – MPB-275

## SPECIFICATIONS – MPB-275

Capacity		
Solid Round	1"	25 mm
Flat Bar (easy way)	1/2" x 2"	12 x 50 mm
Solid Square	1" x 1"	25 mm x 25 mm
Round Pipe (sched. 40)	1-1/4"	31.75 mm
Max. Degree of Bend	9999°	
Bend Direction	Bidirectional	
Max. Bend Speed	180° in 5 sec.	
Max. RPM	6	
Power Requirements	220V Single Phase	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1118 x 1727 mm
Shipping Weight	750 lbs.	341 kgs.

Specifications subject to change without notice.

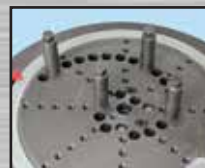
- ◆ Maximum rotation 9999° bidirectional
- ◆ 5 second 180° bend speed
- ◆ 6 rpm output maximum
- ◆ 1.25 sch. 40 pipe capacity
- ◆ 1/2 x 2 easy way solid steel capacity
- ◆ 1 x 1 solid bar capacity
- ◆ 1.0 diameter steel bar capacity
- ◆ Includes bend pins (1.5" tall) – 3.0 IR, 2.5 IR, 2.0 IR, 1.5 IR, 1.25, 1.0, 0.625 IR
- ◆ Includes universal bending plate with 4 hardened lock pins
- ◆ Includes tight nose bending tool
- ◆ Includes roller bending tool
- ◆ Includes one rotating stop and one fixed stop
- ◆ Includes adapter to run standard dies and counter dies standard RDB-250 controller
- ◆ Includes 4 shear pins



Scroll



Scroll Pins



Dies



Bend Plate



Degree Plate



Offset Pin



# Pittsburgh Machine – LF-20



- ◆ Pittsburgh style lock former
- ◆ 20-gauge capacity
- ◆ 5/16" – 3/8" pocket depth
- ◆ Optional rolls available
- ◆ 220V 1-phase

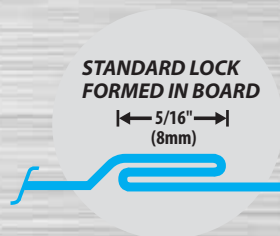
SPECIFICATIONS – LF-20		
Capacity	20 ga.	
Depth of Pocket (adjustable)	.314" up to .375"	8 mm up to 9.5 mm
Speed	25 fpm / 7.6 mpm	
Motor	1 hp	
Power	220V 1-phase	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1525 x 1118 x 1727mm
Shipping Weight	410 lbs.	186 kgs.

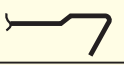



Specifications subject to change without notice.

OPTIONAL TOOLING	
SKU	Description
1004986	Double Seam Optional Roll for LF-20
1004987	Drive Cleat Optional Roll For LF-20
1004988	Optional Flange attachment for LF-20
1004989	Right Angle Optional Roll for LF-20

Shown With Optional Tooling

## Optional Tooling for LF-20

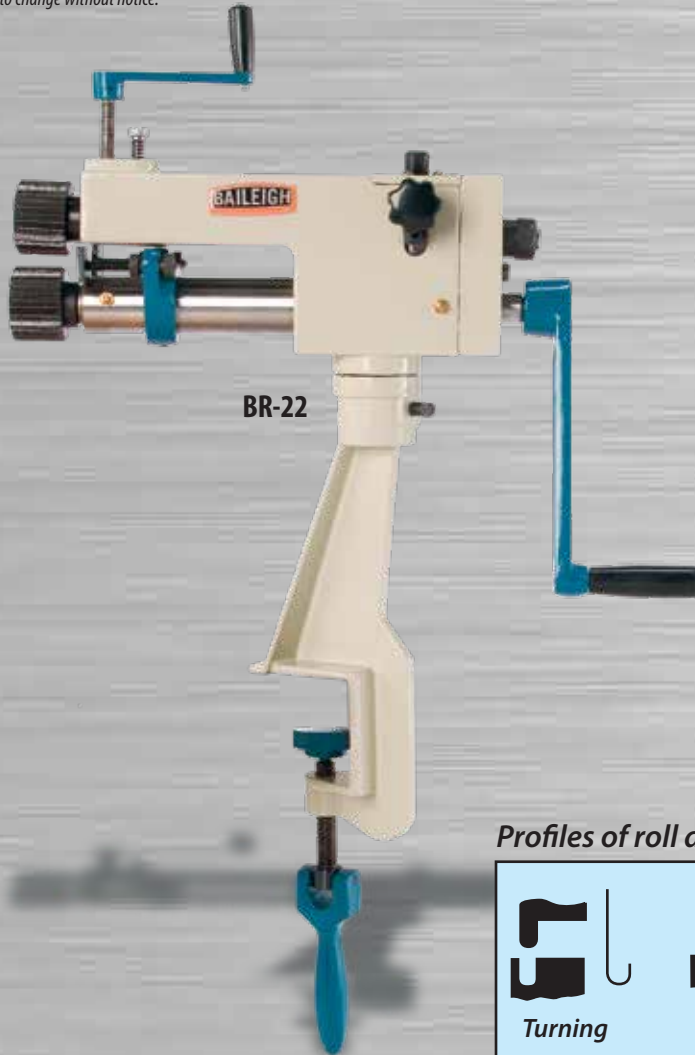


Rolls				
Capacity	20–26 ga.	20–26 ga.	20–26 ga.	20–26 ga.
Approx. Material Used	1" (25mm)	2-1/8" (54mm)	up to 3/16" (5mm)	up to 3/8" (9.5mm)
Size	3/8" Seam (9.5mm)	1-1/8" (28mm)	up to 3/16" Height (5mm)	up to 3/8" Height (9.5mm)

# Bead Rollers – BR-22 / BF-035

SPECIFICATIONS – BR-22		
Capacity (mild steel)	22 ga.	
Throat Depth	7"	177 mm
Shipping Dimensions (L x W x H)	20" x 18" x 8"	508 x 457 x 203 mm
Shipping Weight	71 lbs.	33 kgs.

Specifications subject to change without notice.



BR-22

- ◆ 7" throat depth
- ◆ Bench-mounted
- ◆ Dies included: 1/4" and 1/8" turning, wiring, crimping, burring, and ogee bead

The BR-035 makes short work of hose beads on all types of tubing and is great for fuel, radiator, and intake lines.

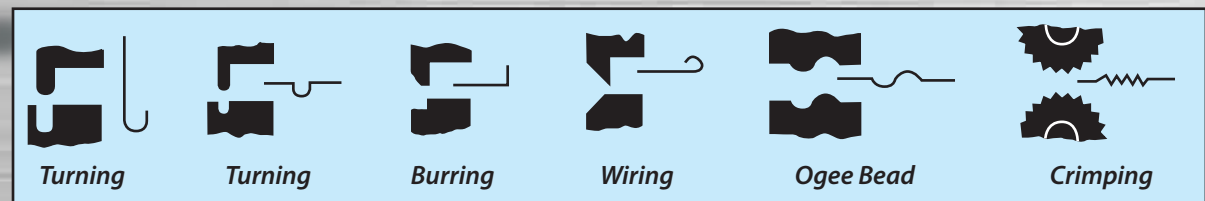
SPECIFICATIONS – BF-035		
Capacity (mild steel)	.035"	.9 mm
Minimum OD	3/8"	9.5 mm
Shipping Weight	5 lbs.	2.3 kgs.

Specifications subject to change without notice.



BF-035

Profiles of roll dies included with the model BR-22



# Bead Rollers – BR-18M-18



BR-18M-18

## SPECIFICATIONS – BR-18M-18

Capacity (mild steel)	18 ga.	
Throat Depth	18"	457 mm
Shipping Dimensions (L x W x H)	36" x 18" x 8"	914 x 457 x 203 mm
Shipping Weight	97 lbs.	45 kgs.

*Specifications subject to change without notice.*

- ◆ 18" throat depth
- ◆ 18-gauge mild steel capacity
- ◆ Floor stand included
- ◆ Includes beading and flanging dies

# Bead Rollers – BR-18M-24 / BR-18E-24

SPECIFICATIONS – BR-18M-24		
Capacity (mild steel)	18 ga.	
Throat Depth	24"	609 mm
Stand	Included	
Roll Holder	Included	
Adjustable Depth Stop	Included	
Shipping Dimensions (L x W x H)	36" x 18" x 8"	914 x 457 x 203 mm
Shipping Weight	110 lbs.	50 kgs.

Specifications subject to change without notice.

- ◆ 18-gauge mild steel capacity
- ◆ 16-gauge aluminum capacity
- ◆ 24" throat depth
- ◆ Manual control
- ◆ Stand and depth stop included
- ◆ Adjustable length top and bottom shafts



BR-18M-24



Optional Work Table —  
SKU 1010009



- ◆ 16-gauge mild steel capacity
- ◆ 16-gauge aluminum capacity
- ◆ 24" throat depth
- ◆ Variable speed foot pedal control
- ◆ Forward and reverse rotation
- ◆ Stand and depth stop included
- ◆ Adjustable length top and bottom shafts
- ◆ 110V

SPECIFICATIONS – BR-18E-24		
Capacity (mild steel)	16 ga.	
Throat Depth	24"	609 mm
Stand	Included	
Roll Holder	Included	
Adjustable Depth Stop	Included	
Power	110V	
Motor HP	1/8 hp	
Shipping Dimensions (L x W x H)	50.5" x 28" x 12"	1283 x 711 x 305 mm
Shipping Weight	150 lbs.	69 kgs.

Specifications subject to change without notice.



BR-18E-24

# Bead Rollers – BR-18E-36

OPTIONAL TOOLING	
SKU	Description
1000864	.090" Step Roll Set for BR-18E
1000866	1" Flat Bead Roll Set for BR-18E
1000868	1" Round Bead Roll Set for BR-18E
1000870	1/16" Step Roll Set for BR-18E
1000872	1/2" Flat Bead Roll Set for BR-18E
1000874	1/2" Round Bead Roll Set for BR-18E
1000876	1/4" Flat Bead Roll Set for BR-18E
1000878	1/4" Round Bead Roll Set for BR-18E
1000880	1/4" Step Roll Set for BR-18E
1000882	1/8" Flat Bead Roll Set for BR-18E
1000884	1/8" Round Bead Roll Set for BR-18E
1000886	1/8" Step Roll Set for BR-18E
1000888	1-1/4" Spoiler Roll Set for BR-18E
1000890	3/16" Flat Bead Roll Set for BR-18E
1000892	3/16" Round Bead Roll Set for BR-18E
1000894	3/16" Step Roll Set for BR-18E
1000896	3/32 Step Roll Set for BR-18E
1000898	3/4" Flat Bead Roll Set for BR-18E
1000900	3/4" Round Bead Roll Set for BR-18E
1000902	3/8" Flat Bead Roll Set for BR-18E
1000904	3/8" Round Bead Roll Set for BR-18E
1000906	45 Degree Step Roll Set for BR-18E
1000908	5/16" Flat Bead Roll Set for BR-18E
1000910	5/16" Round Bead Roll Set for BR-18E
1000912	5/8" Round Bead Roll Set for BR-18E
1010479	Thin Bead Art Roll for BR-18E (One Roll)
1010484	Thin Bead Art Roll for BR-18E (Set of 2 Dies)
1010481	Hem Roll Set #1 for BR-18E (Set of 2 Dies)
1010482	Hem Roll Set #2 for BR-18E (Set of 2 Dies)
1010483	Hem Roll Set #3 for BR-18E (Set of 2 Dies)
1010480	Rotary Shear Set for BR-18E (Set of 2 Dies)
1010486	Plastic Solid Groove Roll for BR-18E (One Roll)
1010485	Plastic Solid Roll for BR-18E (Set of Two Dies)
1010478	Tipping Roll Set for BR-18E (Set of Two Dies)
1010489	Heavy Duty Tube Bead Set (Set of Two Dies)
1010487	Plastic Universal Groove Roll for BR-18E (One Roll)
1010488	"Z" Soft Step Roll Set for BR-18E (Set of Two Dies)

- ◆ 16-gauge mild steel capacity
- ◆ 16-gauge aluminum capacity
- ◆ 36" throat depth
- ◆ Variable speed foot pedal control
- ◆ Forward and reverse rotation
- ◆ Stand and depth stop included
- ◆ Adjustable length top and bottom shafts
- ◆ 110V



SPECIFICATIONS – BR-18E-36		
Capacity (mild steel)	16 ga.	
Throat Depth	36"	915 mm
Stand	Included	
Roll Holder	Included	
Adjustable Depth Stop	Included	
Power	110V	
Motor HP	1/8 hp	
Shipping Dimensions (L x W x H)	50.5" x 28" x 12"	1283 x 711 x 305 mm
Shipping Weight	200 lbs.	91 kgs.

Specifications subject to change without notice.

Oversized Hand Wheel



Depth Stop



Optional Work Table SKU-1010009



# Bead Rollers – BR-16E-36EV

SPECIFICATIONS – BR-16E-36EV		
Capacity (mild steel)	16 ga.	
Capacity (aluminum)	14 ga.	
Throat Depth	36"	915 mm
Throat Style	Envelope	
Shaft Diameter	3/4"	19.05 mm
Tool Holding	Pressure	
Power	110V	
Motor HP	1/2 hp	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1117 x 1727 mm
Shipping Weight	300 lbs.	137 kgs.

Specifications subject to change without notice.

- ◆ Envelope style throat for maximum rigidity
- ◆ 16-gauge mild steel
- ◆ 14-gauge aluminum capacity
- ◆ 36" throat depth
- ◆ Inverter driven
- ◆ Variable speed foot pedal control
- ◆ Forward and reverse rotation
- ◆ Quick release top roll
- ◆ Adjustable depth on top roll
- ◆ Depth stop included
- ◆ 110V



*"Working with Baileigh Industrial over the years has been a great way to keep up with cutting edge machinery and to network with other pioneers in the field"*

*Mike Wagner – Owner  
Cornfield Customs Ltd.*

# Bead Rollers – BR-16E-36LT

- ◆ Lower throat style for more access to curved panels
- ◆ 16-gauge mild steel
- ◆ 14-gauge aluminum capacity
- ◆ 36" throat depth
- ◆ Inverter driven

- ◆ Variable speed foot pedal control
- ◆ Forward and reverse rotation
- ◆ Quick release top roll
- ◆ Adjustable depth on top roll
- ◆ Depth stop included
- ◆ 110V

SPECIFICATIONS – BR-16E-36LT		
Capacity (mild steel)	16 ga.	
Capacity (aluminum)	14 ga.	
Throat Depth	36"	915 mm
Throat Style	Lower Throat	
Shaft Diameter	3/4"	19.05 mm
Tool Holding	Pressure	
Power	110V	
Motor HP	1/2 hp	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1117 x 1727 mm
Shipping Weight	300 lbs.	137 kgs.

Specifications subject to change without notice.

OPTIONAL TOOLING	
SKU	Description
1018988	.025" Step Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1018989	.032" Step Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1018990	.050" Narrow Art Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1018991	.050" Step Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1018992	.062" Step Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1018993	.125" Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019012	1/8" Step Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1018994	.1875" Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019013	.1875" Step Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019007	.25" Flat Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1018995	.250" Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019014	.3125" Flat Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1018996	.375" Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1018997	.5" Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019008	.5" Flat Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019015	3/4" Round Bead Roll for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019009	1/2" Radius Tank Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019016	1/2" Vee Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019010	1/4" Radius Tank Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1018998	1/8" Flat Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1018999	3" Blank Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019000	3" Flat Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019001	3/8" Flat Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019002	30 Degree Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019003	45 Degree Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019005	5/16" Round Bead Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019011	5/32" Radius Tank Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019017	Blank Flat Rubber Roll for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019006	Tipping Roll Set for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.
1019018	1/8" Wire bead dies for BR-16E-EV/LT and BR-18E Series with 3/4" Shaft, 2.5" Dia.



# Bead Rollers – BR-16E-36

SPECIFICATIONS – BR-16E-36		
Capacity (mild steel)	16 ga.	
Capacity (aluminum)	14 ga.	
Throat Depth	36"	915 mm
Throat Style	Lower Throat	
Shaft Diameter	7/8"	22.22 mm
Tool Holding	Keyway with Pressure	
Power	110V	
Motor HP	1/2 hp	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1117 x 1727 mm
Shipping Weight	300 lbs.	137 kgs.

Specifications subject to change without notice.

- ◆ Upper throat style for more access to curved panels
- ◆ 16-gauge mild steel
- ◆ 14-gauge aluminum capacity
- ◆ 36" throat depth
- ◆ Inverter driven
- ◆ Variable speed foot pedal control
- ◆ Forward and reverse rotation
- ◆ Left or right hand operation controls
- ◆ Quick release top roll
- ◆ Adjustable depth on bottom roll
- ◆ Depth stop included
- ◆ 110 volt



OPTIONAL TOOLING	
SKU	Description
1008519	.025" Step Roll Set for BR-16E, 3" Dia.
1000843	.032" Step Roll Set for BR-16E, 3" Dia.
1000844	.050" Step Roll Set for BR-16E, 3" Dia.
1000845	.062" Step Roll Set for BR-16E, 3" Dia.
1000846	.125" Bead Roll Set for BR-16E, 3" Dia.
1000847	.1875" Bead Roll Set for BR-16E, 3" Dia.
1000848	.250" Bead Roll Set for BR-16E, 3" Dia.
1000849	.3125" Bead Roll Set for BR-16E, 3" Dia.
1000850	.375" Bead Roll Set for BR-16E, 3" Dia.
1000851	.5" Bead Roll Set for BR-16E, 3" Dia.
1000852	3" Blank Roll Set for BR-16E, 3" Dia.
1000853	3" Flat Roll Set for BR-16E, 3" Dia.
1000854	30 Degree Roll Set for BR-16E, 3" Dia.
1000855	45 Degree Roll Set for BR-16E, 3" Dia.
1000856	Tipping Roll Set for BR-16E, 3" Dia.
1000857	.120" Step Roll Set for BR-16E, 3" Dia.
1000858	.25" Flat Bead Roll Set for BR-16E, 3" Dia.
1000859	.5" Flat Bead Roll Set for BR-16E, 3" Dia.
1000860	5/32" Radius Tank Roll Set for BR-16E, 3" Dia.
1008517	1/8" Step Roll Set for BR-16E, 3" Dia.
1008518	.1875" Step Roll Set for BR-16E, 3" Dia.
1000861	3/4" Round Bead Roll for BR-16E, 3" Dia.





# Shrinker Stretchers – MSS-18 / MSS-16

SPECIFICATIONS – MSS-18		
Capacity		
Mild Steel	18 ga.	
Aluminum	16 ga.	
Throat Depth	1.5"	38 mm
Stand	Included	
Shipping Dimensions (L x W x H)	44" x 21" x 9"	1118 x 533 x 229 mm
Shipping Weight	70 lbs.	32 kgs.

Specifications subject to change without notice.

- ◆ Standard adjustable height stand
- ◆ Housing and jaws for shrinking and stretching included

- ◆ 16-gauge mild steel capacity
- ◆ 8" throat depth
- ◆ Includes both shrinker and stretcher jaws

SPECIFICATIONS – MSS-16		
Capacity		
Mild Steel	16 ga.	
Aluminum	14 ga.	
Throat Depth	8"	203 mm
Stand	Optional	
Shipping Dimensions (L x W x H)	36" x 20" x 15"	914 x 508 x 381 mm
Shipping Weight	50 lbs.	23 kgs.

Specifications subject to change without notice.



# Shrinker Stretchers – MSS-16F



SPECIFICATIONS – MSS-16F		
Capacity		
Mild Steel	16 ga.	
Aluminum	14 ga.	
Throat Depth	6"	152 mm
Stand	Included	
Shipping Dimensions (L x W x H)	45.5" x 20" x 8"	1156 x 508 x 203 mm
Shipping Weight	92 lbs.	42 kgs.

*Specifications subject to change without notice.*



- ◆ 16-gauge mild steel capacity
- ◆ 6" throat depth
- ◆ Includes quick change jaws for shrinking and stretching of mild steel
- ◆ Less marring
- ◆ Aluminum jaws available
- ◆ Foot pedal operated

OPTIONAL TOOLING	
SKU	Description
1005717	Set of Shrinker Jaws for Aluminum, less marking
1005718	Set of Stretcher Jaws for Aluminum, less marking

# Shrinker Stretchers – MSS-14F

SPECIFICATIONS – MSS-14F		
Capacity		
Mild Steel	16 ga.	
Aluminum	14 ga.	
Throat Depth	6"	152 mm
Stand	Included	
Movement	Foot Operated	
Power	Manual	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1118 x 1676mm
Shipping Weight	200 lbs.	90 kgs.

*Specifications subject to change without notice.*

- ◆ 16-gauge mild steel capacity
- ◆ 6" throat depth
- ◆ Foot operated
- ◆ Unique reversible jaws for shrinking and stretching
- ◆ Patent no. 9,021,849



# Shrinker Stretchers – MSS-14H



SPECIFICATIONS – MSS-14H		
Capacity		
Mild Steel	14 ga.	
Aluminum	12 ga.	
Throat Depth	6"	152 mm
Stand	Included	
Movement	Hydraulic Down / Pneumatic Up	
Power	110V	
Shipping Dimensions (L x W x H)	60" x 44" x 66"	1524 x 1118 x 1676mm
Shipping Weight	300 lbs.	136 kgs.

*Specifications subject to change without notice.*

- ◆ 14-gauge mild steel capacity
- ◆ 6" throat depth
- ◆ Hydraulic / pneumatic operation
- ◆ Unique reversible jaws for shrinking and stretching
- ◆ 110V
- ◆ Patent pending

# English Wheels – EW-28

## SPECIFICATIONS – EW-28

Capacity		
Mild Steel		18 ga.
Aluminum		14 ga.
Throat Depth	28"	711 mm
Lower Die Radius	2", 3", 4", 6", 8", 12"	51, 76, 102, 152, 203, 305 mm
Top Wheel Dimensions	8" x 2"	203 x 51 mm
Shipping Dimensions (L x W x H)	36" x 34" x 15"	914 x 864 x 381 mm
Shipping Weight	191 lbs.	87 kgs.

*Specifications subject to change without notice.*

- ◆ 18-gauge mild steel capacity
- ◆ 28" throat depth
- ◆ Flip out tool holder
- ◆ Heavy-duty stand
- ◆ Includes 6 radius anvils



# English Wheels – EW-40



## SPECIFICATIONS – EW-40

Capacity		
Mild Steel	16 ga.	
Aluminum	14 ga.	
Throat Depth	37.75"	960 mm
Lower Die Edge Radius	.125", .50", .75"	3.175, 12.7, 19.05 mm
Lower Crown Radius	6" x 2.24"	152.4 mm x 57.15 mm
Top Wheel Dimensions	6" x 2.25"	178 x 76 mm
Step Roll	.313" x .25"	7.951 mm x 6.35 mm
Bead Rolls	.75", 1.5"	19.05 mm, 38.1 mm
Shipping Dimensions (L x W x H)	68" x 36" x 15"	1727 x 914 x 381 mm
Shipping Weight	407 lbs.	185 kgs.

*Specifications subject to change without notice.*

- ◆ 16-gauge mild steel capacity
- ◆ Fully welded construction
- ◆ 9 interchangeable hardened metal rolls
- ◆ Sealed bearings in wheels
- ◆ Cam quick release
- ◆ Foot wheel tension adjustments
- ◆ 37-3/4" throat depth
- ◆ 90 degree swivel head
- ◆ Upper roll size: flat, 2-1/4"w x 6" dia.
- ◆ Includes tooling holder
- ◆ Step and bead tooling included

# English Wheels – EW-30

## SPECIFICATIONS – EW-30

Capacity		
Mild Steel	10 ga.	
Aluminum	0.125 (Soft)	3.175 mm
Throat Depth	30"	940 mm
Lower Die Radii (inch)	Flat, 36, 24, 12, 8, 6, 4, 2	
Lower Wheel Dimensions	3"	76.2 mm
Top Wheel Dimensions	10" Dia. x 3.0	254 x 76.2 mm
Shipping Dimensions (L x W x H)	48" x 48" x 84"	1220 x 1220 x 2134 mm
Shipping Weight	1,000 lbs.	454 kgs.

*Specifications subject to change without notice.*

- ◆ 30" throat depth
- ◆ Ridged twin plate design
- ◆ Integrated roll holder
- ◆ 10" x 3" upper wheel
- ◆ Locking cam quick release
- ◆ Includes 7 lower anvils



# English Wheels – EW-37HD



**SPECIFICATIONS – EW-37HD**

Capacity		
Mild Steel	10 ga.	
Aluminum	0.125 (Soft)	3.175 mm
Throat Depth	37"	940 mm
Lower Die Radii (inch)	Flat, 36, 24, 12, 8, 6, 4, 2	
Lower Wheel Dimensions	3"	76.2 mm
Top Wheel Dimensions	10" Dia. x 3.0	254 x 76.2 mm
Shipping Dimensions (L x W x H)	48" x 48" x 84"	1220 x 1220 x 2134 mm
Shipping Weight	1,600 lbs.	728 kgs.

*Specifications subject to change without notice.*

- ◆ 37" Oversized throat depth
- ◆ Ridged twin plate design
- ◆ Integrated roll holder
- ◆ 10" x 3" upper wheel
- ◆ Locking cam quick release
- ◆ Includes 7 lower anvils



# Planishing Hammer – PH-24A

## SPECIFICATIONS – PH-24A

Capacity	
Mild Steel	16 ga.
Aluminum	14 ga.
Throat Depth	24" 610 mm
Tooling Height Adj.	1-1/2" 38.1 mm
Speed (Variable)	4600 beats / minute
Motor	N/A
Power	15-120 PSI
Shipping Dimensions (L x W x H)	69" x 44" x 20" 1752 x 1117 x 508 mm
Shipping Weight	175 lbs. 79 kgs.

Specifications subject to change without notice.

- ◆ 16-gauge mild steel capacity
- ◆ Fully welded 4" x 4" construction
- ◆ Air operated
- ◆ 4600 blows per minute
- ◆ Includes filter, oiler, regulator and foot pedal
- ◆ Stainless steel main shaft
- ◆ Hardened steel hammer head
- ◆ 24" throat depth
- ◆ 2-1/2" head opening
- ◆ 9 radius dies included: flat, 3/4", 1-1/2", 2", 3", 4", 6", 8", and 12"



# Planishing Hammer – PH-36A

Optional Dog Leg for More Clearance – SKU# 1016247



## SPECIFICATIONS – PH-36A

Capacity		
Mild Steel	16 ga.	
Aluminum	14 ga.	
Throat Depth	36"	915 mm
Tooling Height Adjustment	11"	280 mm
Speed (variable)	3200 beats / minute	
Included Tooling	Flat 2", 3", 6", 12", 24" Radii	
Power	80 – 120 psi	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1117 x 1727 mm
Shipping Weight	200 lbs.	91 kgs.

Specifications subject to change without notice.

- ◆ 16-gauge mild steel capacity
- ◆ Air operation
- ◆ Includes filter, oiler, regulator and foot pedal
- ◆ 36" throat depth
- ◆ Adjustable material opening
- ◆ Top and bottom supports have adjustable length for offset planishing
- ◆ Includes 7 radius dies, flat, 2", 3", 6", 8", 12", and 24"
- ◆ Fully assembled

Included Tooling



# Reciprocating Hammer – PH-19

## SPECIFICATIONS – PH-19

Capacity		
Mild Steel	16 ga.	
Aluminum	12 ga.	
Throat Depth	19"	483 mm
Tooling Height Adjustment	5"	127 mm
Speed (variable)	0 – 1700 beats / minute	
Power	110V	
Shipping Dimensions (L x W x H)	60" x 48" x 84"	1524 x 1219 x 2134 mm
Shipping Weight	1,000 lbs.	455 kgs.

Specifications subject to change without notice.

- ◆ 19" throat depth
- ◆ Quick release handle raises top ram
- ◆ Quick change tooling
- ◆ Adjustable stroke
- ◆ Fully adjustable lower tool post
- ◆ Variable speed option
- ◆ Includes portable stand
- ◆ Adjustable tool clearance
- ◆ 110V

## OPTIONAL TOOLING

SKU	Description
1005966	3/8" Louver Tool for Power Hammer
1005967	1/4" Beading Die Set Top & Bottom
1005968	3/8" Beading Die Set Top & Bottom
1005969	1/2" Beading Dies, Set of Two 2.0 Dia.
1005970	2" Diameter Blank Die, 1" Thick
1005971	3" Diameter Blank Die, 1" Thick
1005975	Mini Thumbnail Shrink Dies, Set of Two
1005980	1.5 Radius Lower Die 2.0" Dia.
1005981	2.0 Radius Lower Die 2.0" Dia.
1005982	3.0 Radius Lower Die 2.0" Dia.
1009289	6.0 Radius Lower Die 2.5" Dia.
1009288	8.0 Radius Lower Die 2.5" Dia.
1012452	12.0 Radius Lower Die 2.5" Dia.
1012453	24.0 Radius Lower Die 2.5" Dia.
10124554	36.0 Radius Lower Die 2.5" Dia.
1005994	Rubber Top Die 80 Durometer 3.0 Dia.
1005996	Universal Tool Holder, 1/2" Square Opening, Set of Two
1005997	Universal Tool Holder, 3/4" Square Opening, Set of Two
1005998	Universal Tool Holder, 7/8" Square Opening, Set of Two



# Reciprocating Hammer – PH-19VS



SPECIFICATIONS – PH-19VS		
Capacity		
Mild Steel	16 ga.	
Aluminum	12 ga.	
Throat Depth	19"	483 mm
Tooling Height Adjustment	5"	127 mm
Speed (variable)	0 – 1700 beats / minute	
Power	110V	
Shipping Dimensions (L x W x H)	60" x 48" x 84"	1524 x 1219 x 2134 mm
Shipping Weight	1,000 lbs.	455 kgs.

*Specifications subject to change without notice.*

- ◆ Inverter driven
- ◆ Variable speed
- ◆ 19" throat depth
- ◆ Quick release handle raises top die
- ◆ Fully adjustable lower die
- ◆ Portable
- ◆ 110V



# Power Hammer – IRM-32

SPECIFICATIONS – IRM-32		
Capacity		
Mild Steel	16 ga.	
Aluminum	14 ga.	
Throat Depth	32"	812 mm
Speed (variable)	1000 beats / minute	
Tooling Height Adjustment	2' 50 mm	
Included Tooling	2" Thumbnail Shrinking Dies, 3/4" Collet Adapters	
Power	220V 3-phase	
Shipping Dimensions (L x W x H)	48" x 48" x 80"	1220 x 1220 x 2032 mm
Shipping Weight	1,200 lbs.	545 kgs.

Specifications subject to change without notice.

- ◆ 16-gauge mild steel capacity
- ◆ Uses – thumbnail shrinking, deep panel mechanical shrinking, beading, and louvering
- ◆ Uses inertial to move metal
- ◆ Variable speed up to 1000 beats per minute
- ◆ 32" throat depth
- ◆ Quick release tooling
- ◆ Includes 2" thumbnail shrinking dies and 3/4" collet adapters
- ◆ Fully assembled



# Power Hammer – PH-28A



SPECIFICATIONS – PH-28A		
Capacity		
Mild Steel	16 ga.	
Aluminum	14 ga.	
Throat Depth	28"	712 mm
Speed (variable)	900 beats / minute	
Included Tooling	2" Thumbnail Shrinking Dies, 2.5" Master Flat Top Die, 1" Linear Stretch Die, 36", 24", 12", & 3" Radius Dies	
Power	80–120 psi	
CFM	7.1 @ 90 psi	
Shipping Dimensions (L x W x H)	36" x 48" x 70"	915 x 1220 x 1780 mm
Shipping Weight	900 lbs.	410 kgs.

*Specifications subject to change without notice.*

- ◆ 16-gauge mild steel capacity
- ◆ Air Operation
- ◆ Can shrink and stretch
- ◆ Includes filter, oiler, regulator, and foot pedal
- ◆ 28" throat depth
- ◆ Quick release tooling
- ◆ Includes 2" thumbnail shrinking dies, 2.5" master flat top die, 1" linear stretch die, 36", 24", 12", & 3" radius dies
- ◆ Fully assembled

# Power Hammer – PH-28HD

SPECIFICATIONS – PH-28HD		
Capacity		
Mild Steel	14 ga.	
Aluminum	10 ga.	
Throat Depth	28"	712 mm
Length of Stroke	3 Fixed Lengths: 1/4", 1/2", 3/4"	
Tooling Height Adjustment	2"	50 mm
Speed (variable)	0 – 1000 beats / minute	
Motor	3 hp	
Power	220V / 1-phase	
Shipping Dimensions (L x W x H)	48" x 48" x 96"	1220 x 1220 x 2440 mm
Shipping Weight	2,000 lbs.	910 kgs.

Specifications subject to change without notice.

- ◆ 28" throat depth
- ◆ Economical
- ◆ Operates as a Yoder style hammer
- ◆ Quick change tooling
- ◆ Variable speed
- ◆ Adjustable stroke and clearance
- ◆ Foot pedal control
- ◆ 220V 1-phase



OPTIONAL TOOLING	
SKU	Description
1005970	2" Diameter Blank Die, 1" Thick
1005971	3" Diameter Blank Die, 1" Thick
1005974	2.5" Dia. Medium Thumbnail Shrink Dies, Set of Two
1005975	2" Dia. Mini Thumbnail Shrink Dies, Set of Two
1005978	Master Flat Top Die 2.0" Dia.
1005979	Master Flat Top Die 3.0" Dia.
1005980	1.5" Radius Lower Die 2.0" Dia.
1005981	2.0" Radius Lower Die 2.0" Dia.
1005982	3.0" Radius Lower Die 2.0" Dia.
1009289	6.0" Radius Lower Die 2.5" Dia.
1005983	6.0" radius lower die 3.0 Dia.
1009288	8.0" radius lower die 2.5" Dia.
1005984	8.0" Radius Lower Die 3.0" Dia.
1012452	12.0" Radius Lower Die 2.5" Dia.
1005985	12.0" Radius Lower Die 3.0" Dia.
1012453	24.0" Radius Lower Die 2.5" Dia.
1005986	24.0" Radius Lower Die 3.0" Dia.
1012454	36.0" Radius Lower Die 2.5" Dia.
1005987	36.0" Radius Lower Die 3.0" Dia.
1005988	1.0" Flat X 6.0R Lower Planish Die 3.0 Dia.
1005992	1" Radius Linear Stretch
1005994	Rubber Top Die 80 Durometer 3.0 Dia.
1005995	3" Dia. Large Thumbnail Shrink Dies, Set Of Two
1005996	Universal Tool Holder, 1/2" Square Opening, Set Of Two
1005997	Universal Tool Holder, 3/4" Square Opening, Set of Two
1005998	Universal Tool Holder, 7/8" Square Opening, Set of Two
1005996	Complete Air Hammer Option for MH-19, 36" Throat depth



Quick Release Up



Quick Release Down



Spring

# Power Hammer – MH-19

OPTIONAL TOOLING	
SKU	Description
1005966	3/8" Louver tool for Power Hammer
1005967	1/4" Beading Dies Set of Two 2.0" Dia.
1005968	3/8" Beading Dies Set of Two 2.0" Dia.
1005969	1/2" Beading Dies Set of Two 2.0" Dia.
1005970	2" Diameter Blank Die, 1" Thick
1005971	3" Diameter Blank Die, 1" Thick
1005974	2.5" Dia. Medium Thumbnail Shrink Dies, Set of Two
1005975	2" Dia. Mini Thumbnail Shrink Dies, Set of Two
1005976	Mechanical Shrink Dies, Set of Two 1 X 2
1005978	Master Flat Top Die 2.0" Dia.
1005979	Master Flat Top Die 3.0" Dia.
1005980	1.5" Radius Lower Die 2.0" Dia.
1005981	2.0" Radius Lower Die 2.0" Dia.
1005982	3.0" Radius Lower Die 2.0" Dia.
1009289	6.0" Radius Lower Die 2.5" Dia.
1005983	6.0" radius lower die 3.0 Dia.
1009288	8.0" radius lower die 2.5" Dia.
1005984	8.0" Radius Lower Die 3.0" Dia.
1012452	12.0" Radius Lower Die 2.5" Dia.
1005985	12.0" Radius Lower Die 3.0" Dia.
1012453	24.0" Radius Lower Die 2.5" Dia.
1005986	24.0" Radius Lower Die 3.0" Dia.
1012454	36.0" Radius Lower Die 2.5" Dia.
1005987	36.0" Radius Lower Die 3.0" Dia.
1005988	1.0" Flat X 6.0R Lower Planish Die 3.0 Dia.
1005992	1" Radius Linear Stretch
1005993	Mechanical Stretch Dies, Set Of Two
1005994	Rubber Top Die 80 Durometer 3.0 Dia.
1005995	3" Dia. Large Thumbnail Shrink Dies, Set Of Two
1005996	Universal Tool Holder, 1/2" Square Opening, Set Of Two
1005997	Universal Tool Holder, 3/4" Square Opening, Set of Two
1005998	Universal Tool Holder, 7/8" Square Opening, Set of Two
1005596	Complete Air Hammer Option for MH-19, 36" Throat depth
1005599	Complete English Wheel Option for MH-19
1005600	Complete English Wheel Option for MH-19 with Rubber Top Wheel



SPECIFICATIONS – MH-19		
Capacity		
Mild Steel	16 ga.	
Aluminum	12 ga.	
Throat Depth	19"	483 mm
Length of Stroke (adj.)	.177" – .550"	4.5 mm – 14 mm
Tooling Height Adjustment	2"	50 mm
Speed (variable)	0 – 1500 beats / minute	
Power	220V / 1-phase	
Shipping Dimensions (L x W x H)	60" x 60" x 84"	1524 x 1524 x 2134 mm
Shipping Weight	1,600 lbs.	728 kgs.

Specifications subject to change without notice.

- ◆ Operates as a reciprocating machine, English Wheel, and Yoder style hammer
- ◆ Variable speed
- ◆ Adjustable stroke and clearance
- ◆ Foot pedal control
- ◆ Includes thumbnail shrink dies
- ◆ 220V 1-phase
- ◆ US patent no. 7,810,368



Tool Gap Adjustment



Variable Speed Control



Adjustable Stroke

# Power Hammer – MH-19 Tooling

The tooling for the MH-19 is as unique as the machines themselves. With endless possibilities, tooling can be made to your specifications, or you can pick from our vast selection of existing dies. Below is just a sample of the available dies. Call your Baileigh sales representative at 920-482-3230 for more information

**Universal  
Tool Holders**  
SKU 1005996



**Beading Dies** SKU 1005967



**Thumbnail  
Shrink Dies**  
SKU 1005995

**English Wheel Assembly  
(MH-19 only)**  
SKU 1005599



**Optional  
Air Hammer  
Attachment**  
SKU 1005596



Quick change tooling system is standard on every machine



# Power Hammer – Tooling



# Power Hammer – MH-37HD

## SPECIFICATIONS – MH-37HD

Capacity		
Mild Steel	1/8"	3.175 mm
Soft Aluminum	1/4"	6.35 mm
Throat Depth	37"	940 mm
Length of Stroke	.1" to .75"	2.54 mm to 19.05 mm
Tooling Height Adjustment	2"	50 mm
Speed	0 – 1500 beats / minute	
Power	220V 3-phase	
Shipping Dimensions (L x W x H)	72" x 60" x 90"	1830 x 1530 x 2290 mm
Shipping Weight	6,000 lbs.	13200 kgs.

Specifications subject to change without notice.

### Included Tooling

- Large shrink die set flat top master die
- 1.0 x 6.0 plannish die
- 36.0R die
- 24.0R die
- 12.0R die
- Linear stretch die

- ◆ Variable foot speed control with adjustable limit
- ◆ Capacity (rated by shrinking ability) 1/8" steel / 1/4" alum.
- ◆ Replaceable main hammering springs
- ◆ Power hammer mode and rigid mode via shear pin
- ◆ Quick release die changes
- ◆ Quick release lower die anvil
- ◆ Work light
- ◆ Optional tooling available



Quick Change Tooling



Controller



Stroke Indicator



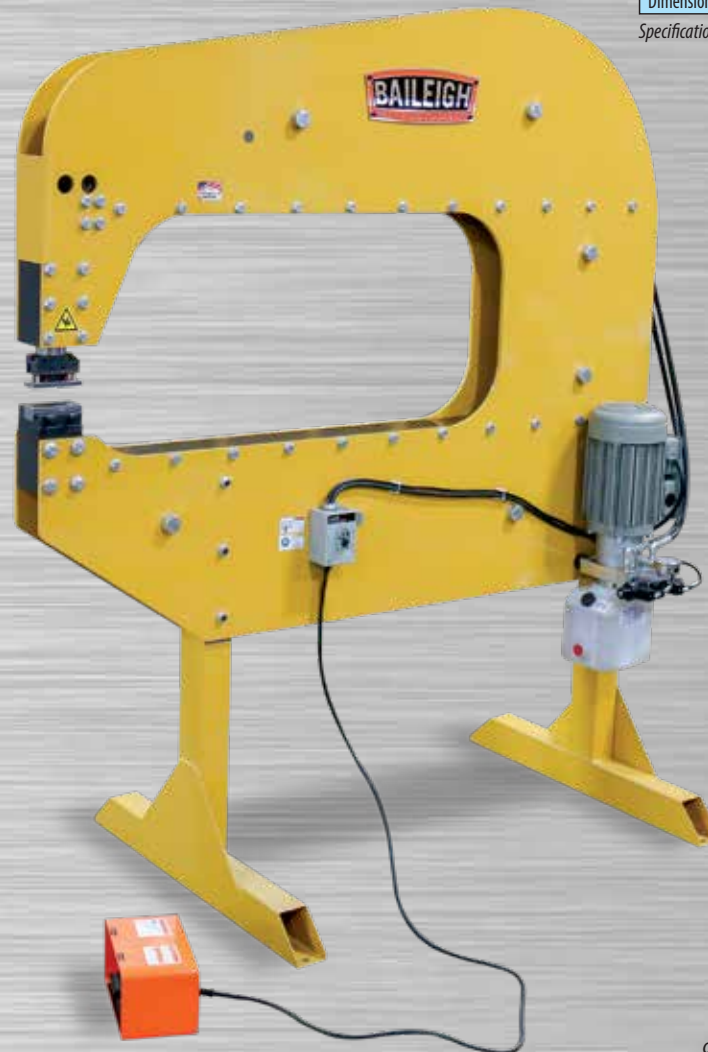
# Louver Press – LP-48

TOOLING	
SKU	Description
1023013	1" Louver Press Tool Set for LB-48
1023014	2" Louver Press Tool Set for LB-48
1023015	3" Louver Press Tool Set for LB-48
1023016	4" Louver Press Tool Set for LB-48
1023017	5" Louver Press Tool Set for LB-48

- ◆ Dedicated louver press
- ◆ 48" throat depth
- ◆ Steel plate design for strength
- ◆ 3" louver comes standard
- ◆ 1", 2", 4", and 5" louvers available
- ◆ 110V

SPECIFICATIONS – LP-48		
Maximum Capacity		
Mild Steel		16 ga.
Aluminum		14 ga.
Tons		7
Horsepower		2
Power		110V
Shipping Dimensions (L x W x H)	60" x 44" x 60"	1525 x 1118 x 1525 mm

*Specifications subject to change without notice.*



# Metal Shaping Shot Bags

Baileigh Industrial's metal shaping line just got better! One thing that all metal shapers need is a leather shot bag or panel bag. The Baileigh line of bags are hand made in the USA from genuine cow hide with suede finish. Only 4-5 oz leather is used and all bags are glued and stitched with a heavy thread around the perimeter. The metal shaping shot bags are intended to be filled with sand or lead shot. The fill material is poured into the bag via a funnel and then fastened closed again. No hook and loop or stitching required. Do not over fill. There must be room for the fill material to move/shift from mallet blows.

For more information about our metal forming shot bag, contact one of our metal shaping experts at 920-482-3230



#### RSB-16-D

- Premium leather shot bag
- 16" round
- 3" stitched cavity for faster shaping
- Stitched and glued for durability
- With screw fastener



#### RSB-16

- Premium leather shot bag
- 16" round
- Stitched and glued for durability
- With screw fastener



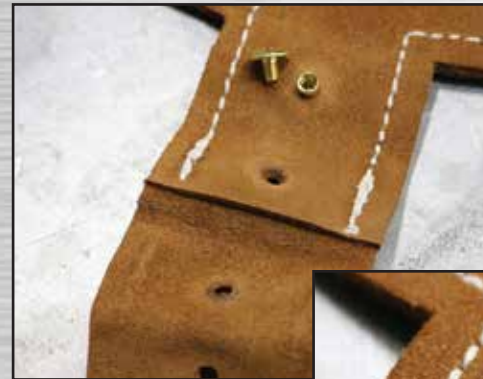
#### RSB-12

- Premium leather shot bag
- 12" round
- Stitched and glued for durability
- With screw fastener



#### RSB-12-D

- Premium leather shot bag
- 12" round
- 2" stitched cavity for faster shaping
- Stitched and glued for durability
- With screw fastener



**BUILT TO LAST**—Trusty Baileigh hammers deliver long-lasting performance in a wide range of uses. If you need a hammer for anything other than driving a nail, Baileigh has the tool you need.



Slim Softface		
BH-62-540	SKU 1017996	8 oz.
BH-62-541	SKU 1017997	18 oz.
BH-62-542	SKU 1017998	22 oz.
BH-62-543	SKU 1017999	26 oz.
BH-62-547	SKU 1018000	32 oz.



Standard Softface		
BH-62-530	SKU 1018001	13 oz.
BH-62-531	SKU 1018002	21 oz.
BH-62-532	SKU 1018003	26 oz.
BH-62-533	SKU 1018004	45 oz.
BH-62-534	SKU 1018005	53 oz.



Softface Sledgehammer		
BH-62-550	SKU 1018006	5.5 lbs. 20" Handle
BH-62-551	SKU 1018007	9 lbs. 30" Handle
BH-62-552	SKU 1018008	9.5 lbs. 20" Handle
BH-62-553	SKU 1018009	10.5 lbs. 30" Handle
BH-62-554	SKU 1018010	12 lbs. 36" Handle



Ball Peen		
BH-61-526	SKU 1018014	26 oz.
BH-61-536	SKU 1018015	36 oz.
BH-61-543	SKU 1018016	43 oz.
BH-61-547	SKU 1018017	47 oz.
BH-61-550	SKU 1018019	50 oz.



Dead Blow Bossing Mallets		
BH-63-BM1	SKU 1018020	24 oz.
BH-63-BM2	SKU 1018021	36 oz.
BH-63-BM3	SKU 1018022	48 oz.



Flat-Face Hardface		
BH-61-526F	SKU 1018020	26 oz.
BH-61-536F	SKU 1018021	36 oz.
BH-61-543F	SKU 1018022	43 oz.
BH-61-547F	SKU 1018023	47 oz.
BH-61-550F	SKU 1018024	50 oz.

# Manual Band Saws – BS-127P / BS-128M

## SPECIFICATIONS – BS-127P

Capacity (90°/45°)		
Round	5" / 3" / 1.65"	127 mm / 78 mm / 42 mm
Square	5" / 3" / 1.65"	127 mm / 78 mm / 42 mm
Rectangular	5.31" x 5" / 3" x 6.75" / 1.65" x 2.9"	135 x 127 / 78 x 172 / 42 x 75 mm
Blade Size (H x W x L)	.5" / .025" / 56.69"	13 mm / .65 mm / 1440 mm
Blade Speed (fpm)	75–246 Variable	
Miter Angle	0 – 60°	
Miter Adjustment	Swivel Head	
Descent Control	n/a	
Return	Manual	
Drive	Gear	
Motor	.5 hp	
Power	110V	
Shipping Dimensions (L x W x H)	28" x 15" x 18"	711 x 381 x 457 mm
Shipping Weight	56 lbs.	26 kgs.

Specifications subject to change without notice.

- ◆ Portable
- ◆ Variable speed
- ◆ Head miterers up to 60°
- ◆ 5" round capacity
- ◆ 110V



BS-127P

- ◆ Horizontal or vertical operation
- ◆ 1/2" blade
- ◆ Swivel head, single miter
- ◆ Hydraulic and manual descent
- ◆ Wheeled stand and lift bar for easy mobility
- ◆ 110V



BS-128M

## SPECIFICATIONS – BS-128M

Capacity (90°/60°/45°)		
Round	5" / 1.75" / 3.75"	127 mm / 44 mm / 95 mm
Rectangular	5" x 6" / 1.75" x 2.19" / 3" x 3.7"	127 x 152 mm / 44 x 55 mm / 76 x 93 mm
Blade Size (H x W x L)	.50" / .023" / 64.48"	12.7 mm / .584 mm / 1637 mm
Blade Speed (fpm)	78 / 154 / 200	
Miter Angle	0 – 60°	
Miter Adjustment	Swivel Head	
Descent Control	Hydraulic	
Return	Manual	
Drive	Belt	
Motor	.75 hp	
Power	110V	
Shipping Dimensions (L x W x H)	38" x 22" x 25"	965 x 559 x 635 mm
Shipping Weight	319 lbs.	145 kgs.

Specifications subject to change without notice.

# Manual Band Saws – BS-712M / BS-712MS



**BS-712M**

- ◆ 110V
- ◆ Cuts metal and more
- ◆ 3/4" blade standard
- ◆ Hydraulic descent
- ◆ 3-speeds
- ◆ Direct drive
- ◆ Horizontal and vertical cutting capabilities
- ◆ 220V optional

## SPECIFICATIONS – BS-712M

Capacity (90°/45°)		
Round	7" / 4.33"	177 mm / 110 mm
Rectangular	7" x 10.23" / 4.72" x 4.13"	177 x 259 mm / 119 x 104 mm
Blade Size (H x W x L)	.75" / .035" / 92.91"	19 mm / .9 mm / 2360 mm
Blade Speed (fpm)	125 / 215 / 270	
Blade Guide	Roller	
Miter Angle	0 – 45°	
Miter Adjustment	Vise	
Table Height	22"	558 mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Gear	
Motor	1 hp	
Power	110V / 220V, 1-Phase	
Shipping Dimensions (L x W x H)	51" x 18" x 42"	1295 x 457 x 1067 mm
Shipping Weight	300 lbs.	136 kgs.

*Specifications subject to change without notice.*

## SPECIFICATIONS – BS-712MS

Capacity (90°/45°)		
Round	7" / 4.33"	177 mm / 110 mm
Rectangular	7" x 10.23" / 4.72" x 4.13"	177 x 259 mm / 119 x 104 mm
Blade Size (H x W x L)	.75" / .035" / 92.91"	19 mm / .9 mm / 2360 mm
Blade Speed (fpm)	125 / 215 / 270	
Blade Guide	Roller	
Miter Angle	0 – 45°	
Miter Adjustment	Swivel Head	
Table Height	23"	584 mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Gear	
Motor	1 hp	
Power	110V / 220V, 1-Phase	
Shipping Dimensions (L x W x H)	51" x 23" x 43"	1295 x 584 x 1092 mm
Shipping Weight	397 lbs.	181 kgs.

*Specifications subject to change without notice.*

- ◆ 110V
- ◆ Cuts metal and more
- ◆ 3/4" blade standard
- ◆ Hydraulic descent
- ◆ 3-speeds
- ◆ Direct drive
- ◆ Horizontal and vertical cutting capabilities
- ◆ Single mitering (swivel)
- ◆ 220V optional



**BS-712MS**

# Manual Band Saws – BS-210M / BS-250M

## SPECIFICATIONS – BS-210M

Capacity		
Round (90°/45°/60°)	7" / 4.72" / 2.75"	177 mm / 120 mm / 69 mm
Square (90°/45°/60°)	7" / 4.33" / 2.36"	177 mm / 110 mm / 60 mm
Rectangular (90°)	8.26" x 6.69"	210 mm / 170 mm
Blade Size (H x W x L)	.75" / .035" / 83"	19 mm / .889 mm / 2108 mm
Blade Speed (fpm)	66–280 Variable	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 60°	
Miter Adjustment	Swivel Head	
Table Height	35"	889 mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Gear	
Motor	1.5 hp	
Power	110V	
Shipping Dimensions (L x W x H)	60" x 44" x 48"	1524 x 1118 x 1219 mm
Shipping Weight	444 lbs.	202 kgs.

Specifications subject to change without notice.

- ◆ Hydraulic and manual descent
- ◆ Single mitering (swivel)
- ◆ Variable-speed
- ◆ Head miters up to 60°
- ◆ 6-3/4" round capacity
- ◆ 3/4" blade standard
- ◆ 110V



BS-210M

## SPECIFICATIONS – BS-250M

Capacity		
Round (90°/45°/60°)	8.93" / 5.9" / 3.54"	227 mm / 150 mm / 90 mm
Square (90°/45°/60°)	8.66" / 5.7" / 3.34"	220 mm / 144 mm / 84 mm
Rectangular (90°)	10.23" x 4.33"	259 mm / 110 mm
Blade Size (H x W x L)	1" / .035" / 96.85"	25 mm / .889 mm / 2460 mm
Blade Speed (fpm)	66–280 Variable	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 60°	
Miter Adjustment	Swivel Head	
Table Height	35"	889 mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Gear	
Motor	2 hp	
Power	110V	
Shipping Dimensions (L x W x H)	60" x 44" x 48"	1524 x 1118 x 1219 mm
Shipping Weight	475 lbs.	216 kgs.

Specifications subject to change without notice.

- ◆ 110V
- ◆ Cuts metal and more
- ◆ 1" blade standard
- ◆ Hydraulic and manual descent
- ◆ Variable-speed
- ◆ Single mitering (swivel)
- ◆ Quick vise feature
- ◆ Direct drive



BS-250M

# Manual Band Saws – BS-260M / BS-350M



**BS-260M**

- ◆ Hydraulic and manual descent
- ◆ Inverter driven variable-speed
- ◆ Direct drive
- ◆ Dual miter head up to 60°
- ◆ 9" round capacity
- ◆ 1" blade standard
- ◆ 220V 1-phase

SPECIFICATIONS – BS-260M		
Capacity		
Round (90°/45°/60°/45°L)	8.91" / 5.9" / 3.54" / 4.33"	227 mm / 150 mm / 90 mm / 110 mm
Square (90°/45°/60°/45°L)	8.66" / 5.7" / 3.34" / 4.33"	220 mm / 144 mm / 84 mm / 110 mm
Rectangular (90°/45°/45°L)	10.59" x 4.33" / 7.87" x 4.92" / 6.3" x 4.33"	269 x 110 / 200 x 125 / 160 x 110 mm
Blade Size (H x W x L)	1" / .035" / 96.85"	25 mm / .889 mm / 2460 mm
Blade Speed (fpm)	66–280 Variable	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 60°, 45°L	
Miter Adjustment	Dual Swivel Head	
Table Height	35"	889 mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Gear	
Motor	1.5 hp	
Power	220V / 1-Phase	
Shipping Dimensions (L x W x H)	69" x 44" x 48"	1524 x 1118 x 1219 mm
Shipping Weight	760 lbs.	345 kgs.

*Specifications subject to change without notice.*



**BS-350M**

- ◆ Hydraulic and manual descent
- ◆ Variable-speed
- ◆ Direct drive
- ◆ Dual miter head up to 60°
- ◆ 10-1/2" round capacity
- ◆ 1" blade standard
- ◆ 220V 1-phase

SPECIFICATIONS – BS-350M		
Capacity		
Round (90°/45°/60°/45°L)	10.63" / 9.45" / 6.3" / 8.28"	270 mm / 240 mm / 160 mm / 210 mm
Square (90°/45°/60°/45°L)	10.24" / 8.66" / 5.9" / 7.09"	260 mm / 220 mm / 150 mm / 180 mm
Rectangular (90°/45°/45°L)	13.77" x 8.66" / 9.45" x 6.3" / 7.3" x 4.33"	350 x 220 / 240 x 160 / 185 x 110 mm
Blade Size (H x W x L)	1" / .035" / 124.5"	25 mm / .889 mm / 3162.3 mm
Blade Speed (fpm)	66–280 Variable	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 60°, 45°L	
Miter Adjustment	Dual Swivel Head	
Table Height	35"	889 mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Gear	
Motor	2 hp	
Power	220V / 1-Phase	
Shipping Dimensions (L x W x H)	69" x 30" x 48"	1753 x 762 x 1219 mm
Shipping Weight	948 lbs.	431 kgs.

*Specifications subject to change without notice.*

# Manual Band Saws – BS-916M / BS-300M

## SPECIFICATIONS – BS-916M

Capacity		
Round (90°/45°)	8.85" / 6.5"	225 mm / 165 mm
Square (90°/45°)	8.85" / 6.5"	225 mm / 165 mm
Rectangular (90°/45°)	8.85" x 13.5" / 8.85" x 6.5"	225 x 343 / 225 x 165 mm
Blade Size (H x W x L)	1" / .035" / 119.48"	25 mm / .889 mm / 3035 mm
Blade Speed (fpm)	82 / 132 / 170 / 235	
Blade Guide	Roller	
Miter Angle	0 – 45°	
Miter Adjustment	Vise	
Table Height	24"	610 mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Belt / Pulley	
Motor	1.5 hp	
Power	220V / 1-Phase	
Shipping Dimensions (L x W x H)		
	68" x 30" x 43"	1727 x 762 x 1092 mm
Shipping Weight	700 lbs.	319 kgs.

Specifications subject to change without notice.

- ◆ Cuts metal and more
- ◆ 1" blade standard
- ◆ Hydraulic descent
- ◆ Automatic shut-off
- ◆ 4 blade speeds
- ◆ 220V 1-phase



BS-300M

- ◆ Cuts metal and more
- ◆ 1" blade standard
- ◆ Hydraulic descent
- ◆ Automatic shut-off
- ◆ 4 blade speeds
- ◆ 220V 1-phase



BS-916M

## SPECIFICATIONS – BS-300M

Capacity		
Round (90°/45°)	9.84" / 7.5"	250 mm / 190 mm
Square (90°/45°)	9.84" / 7.5"	250 mm / 190 mm
Rectangular (90°/45°)	9.84" x 16.33" / 9.84" x 7.50"	250 x 414 / 250 x 190 mm
Blade Size (H x W x L)	1" / .035" / 129.92"	25 mm / .889 mm / 3300 mm
Blade Speed (fpm)	66 / 131 / 167 / 233	
Blade Guide	Roller	
Miter Angle	0 – 45°	
Miter Adjustment	Vise	
Table Height	30.7"	780 mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Belt / Pulley	
Motor	2 hp	
Power	220V / 1-Phase	
Shipping Dimensions (L x W x H)		
	70" x 23" x 49"	1778 x 584 x 1245 mm
Shipping Weight	800 lbs.	364 kgs.

Specifications subject to change without notice.

# Manual Band Saws – BS-330M



## SPECIFICATIONS – BS-330M

Capacity		
Round (90°/45°)	13" / 8.86"	330 mm / 225 mm
Square (90°/45°)	13" / 8.86"	330 mm / 225 mm
Rectangular (90°/45°)	13" x 18.9" / 11" x 10.04"	330 x 480 / 279 x 255 mm
Blade Size (H x W x L)	1.3" / .043" / 161.4"	34 mm / 1 mm / 4099.5 mm
Blade Speed (fpm)	82–270	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 45°	
Miter Adjustment	Swivel Head and Vise	
Table Height	30.5"	775 mm
Descent Control	Hydraulic	
Return	Manual	
Drive	Belt / Pulley	
Motor	3 hp	
Power	220V / 3-Phase	
Shipping Dimensions (L x W x H)	90" x 37" x 61"	2286 x 940 x 1549 mm
Shipping Weight	1,826 lbs.	830 kgs.

*Specifications subject to change without notice.*

- ◆ Cuts metal and more
- ◆ 1-1/4" blade standard
- ◆ Hydraulic
- ◆ Variable-speed
- ◆ Automatic shut-off
- ◆ Mitering head and vise
- ◆ Quick vise feature
- ◆ 220V 3-phase

# Manual Band Saws – BS-20M-DM

## SPECIFICATIONS – BS-20M-DM

Capacity		
Round (90°/45°/60°)	13" / 12" / 8.5"	330 mm / 305 mm / 215 mm
Square (90°/45°/60°)	13" / 12" / 8.5"	330 mm / 305 mm / 215 mm
Rectangular (90°/45°/60°)	13" x 18" / 13" x 10.6" / 12.4" x 7.7"	330 x 460 / 330 x 270 / 315 x 195 mm
Blade Size (H x W x L)	1.3" / .042" / 162.6"	33 mm / 1.1 mm / 4130 mm
Blade Speed (fpm)	60–306	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 60° L, 45° R	
Miter Adjustment	Dual Miter Swivel Head	
Descent Control	Hydraulic	
Return	Manual	
Drive	Inverter Direct	
Motor	3 hp	
Power	220V / 3-Phase	
Shipping Dimensions (L x W x H)	88.6" x 35.5" x 61.4"	2250 x 902 x 1560 mm
Shipping Weight	2,156 lbs.	980 kgs.

Specifications subject to change without notice.

- ◆ Cuts metal and more
- ◆ 1-1/4" blade standard
- ◆ Dual direction mitering vise
- ◆ Inverter driven variable speed
- ◆ Built in feed table
- ◆ Quick lock vise
- ◆ 220V 3-phase



# Semi-Auto Band Saws – BS-260SA / BS-350SA



**BS-260SA**

- ◆ Cuts metal and more
- ◆ 1" blade standard
- ◆ Semi-automatic
- ◆ Hydraulic vise, feed, and return
- ◆ Inverter driven variable-speed
- ◆ Automatic shut-off / broken blade feature
- ◆ Dual mitering (swivel)
- ◆ Direct drive
- ◆ 220V 1-phase

SPECIFICATIONS – BS-260SA		
Capacity		
Round (90°/45°/60°/45°L)	8.93" / 5.9" / 3.54" / 4.33"	227 mm / 150 mm / 90 mm / 110 mm
Square (90°/45°/60°)	8.66" / 5.7" / 3.34" / 4.33"	220 mm / 144 mm / 84 mm / 110 mm
Rectangular (90°/45°/45°L)	10.59" x 4.33" / 7.87" x 4.92" / 6.3" x 4.33"	269 x 110 / 200 x 125 / 160 x 110 mm
Blade Size (H x W x L)	1" / .035" / 96.85"	25 mm / .889 mm / 2460 mm
Blade Speed (fpm)	66–280 Variable	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 60°, 45°L	
Miter Adjustment	Dual Swivel Head	
Table Height	35"	889 mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Gear	
Motor	1.5 hp	
Power	220V / 1-Phase	
Shipping Dimensions (L x W x H)	62" x 44" x 63"	1575 x 1118 x 1600 mm
Shipping Weight	890 lbs.	405 kgs.

*Specifications subject to change without notice.*



**BS-350SA**

- ◆ Foot pedal control standard
- ◆ Cuts metal and more
- ◆ 1" blade standard
- ◆ Semi-automatic
- ◆ Hydraulic vise, feed, and return
- ◆ Variable-speed
- ◆ Automatic shut-off / broken blade feature
- ◆ Dual mitering (swivel)
- ◆ Direct drive
- ◆ 220V 1-phase

SPECIFICATIONS – BS-350SA		
Capacity		
Round (90°/45°/60°/45°L)	10.63" / 9.45" / 6.3" / 8.28"	270 mm / 240 mm / 160 mm / 210 mm
Square (90°/45°/60°)	10.24" / 8.66" / 5.9" / 7.09"	260 mm / 220 mm / 150 mm / 180 mm
Rectangular (90°/45°/45°L)	13.77" x 8.66" / 9.45" x 6.3" / 7.3" x 4.33"	350 x 220 / 240 x 160 / 185 x 110 mm
Blade Size (H x W x L)	1" / .035" / 124.5"	25 mm / .889 mm / 3162.3 mm
Blade Speed (fpm)	66–280 Variable	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 60°, 45°L	
Miter Adjustment	Dual Swivel Head	
Table Height	35"	889 mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Gear	
Motor	2 hp	
Power	220V / 1-Phase	
Shipping Dimensions (L x W x H)	72" x 30" x 66"	1829 x 762 x 1676 mm
Shipping Weight	1,167 lbs.	531 kgs.

*Specifications subject to change without notice.*

# Semi-Auto Band Saws – BS-330SA

## SPECIFICATIONS – BS-330SA

Capacity		
Round (90°/45°)	13" / 8.86"	330 mm / 225 mm
Square (90°/45°)	13" / 8.86"	330 mm / 225 mm
Rectangular (90°/45°)	13" x 18.9" / 11" x 10.04"	330 x 480 / 279 x 255 mm
Blade Size (H x W x L)	1.3" / .043" / 161.4"	34 mm / 1 mm / 4099.5 mm
Blade Speed (fpm)	82 – 270	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 45°	
Miter Adjustment	Swivel Head and Vise	
Table Height	30.5"	775 mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Belt / Pulley	
Motor	3 hp	
Power	220V / 3-Phase	
Shipping Dimensions (L x W x H)	90" x 37" x 61"	2286 x 940 x 1549 mm
Shipping Weight	3,650 lbs.	1660 kgs.

Specifications subject to change without notice.

- ◆ Cuts metal and more
- ◆ 1-1/4" blade standard
- ◆ Semi-automatic
- ◆ Hydraulic vise, feed, and return
- ◆ Variable-speed
- ◆ Automatic shut-off
- ◆ Mitering head and vise
- ◆ 220V 3-phase



# Semi-Auto Band Saws – BS-20SA-DM

- ◆ Dual mitering 45° L and 60° R
- ◆ Inverter driven
- ◆ 1-1/4" Blade
- ◆ Digital readout for blade speed
- ◆ Blade brush with chip collection drawer
- ◆ Quick lock vise
- ◆ Automatic descent and raise of the bow head
- ◆ 220V 3-phase



SPECIFICATIONS – BS-20SA-DM		
Capacity		
Round (90°/45°/60°)	13" / 12" / 8.5"	330 mm / 305 mm / 215 mm
Square (90°/45°/60°)	13" / 12" / 8.5"	330 mm / 305 mm / 215 mm
Rectangular (90°)	13" x 18" / 13" x 10.6" / 12.4" x 7.7"	330 x 460 mm / 330 x 270 mm / 315 x 195 mm
Blade Size (H x W x L)	1.25" / .042" / 162.6"	34 mm / 1.1 mm / 4130 mm
Blade Speed (fpm)	60 – 306 Inverter Driven	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 60°	
Miter Adjustment	Dual Miter Swivel Head	
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Inverter Direct	
Motor	3 hp	
Power	220V / 3-Phase	
Shipping Dimensions (L x W x H)	88.6" x 35.5" x 61.4"	2250 x 902 x 1560 mm
Shipping Weight	2,156 lbs.	980 kgs.

*Specifications subject to change without notice.*

# Semi-Auto Band Saws – BS-24SA-DM

## SPECIFICATIONS – BS-24SA-DM

Capacity		
Round (90°/45°/60°)	18" / 15.7" / 11"	475 mm / 398 mm / 279 mm
Square (90°/45°/60°)	18" / 15.7" / 11"	475 mm / 398 mm / 279 mm
Rectangular (90°)	17" x 24"	430 mm x 610 mm
Blade Size (H x W x L)	1.5" x .051" x 209.84"	38 mm x 1.3 mm x 5330 mm
Blade Speed (fpm)	65 – 278 Carbide Roller	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 60° L & R	
Miter Adjustment	Dual Miter Swivel Head	
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Belt / Pulley	
Motor	5 hp	
Power	220V / 3-Phase	
Shipping Dimensions (L x W x H)	112" x 45" x 74"	2830 x 1140 x 1860 mm
Shipping Weight	3,234 lbs.	1470 kgs.

Specifications subject to change without notice.

- ◆ 18" round capacity
- ◆ Semi-automatic operation
- ◆ Hydraulic vise and bow
- ◆ Dual mitering swivel head design
- ◆ Head miters up to 60°
- ◆ 1-1/2" blade standard
- ◆ 220V 3-phase



# Semi-Auto Band Saws – BS-360SA



## SPECIFICATIONS – BS-360SA

Capacity		
Round	14.17"	360 mm
Square	14.17"	360 mm
Rectangular	14.17" x 22"	360 x 560 mm
Blade Size (H x W x L)	1.3" / .04" / 192.13"	34 mm / 1.1 mm / 4880 mm
Blade Speed (fpm)	66 – 279 (Variable Speed)	
Blade Guide	Carbide / Roller	
Miter Angle	N/A	
Table Height	29.21"	742 mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Belt / Pulley	
Motor	5 hp	
Power	220V / 3-Phase	
Shipping Dimensions (L x W x H)	110" x 45" x 78"	2794 x 1143 x 1981 mm
Shipping Weight	3,100 lbs.	1410 kgs.

*Specifications subject to change without notice.*

- ◆ 14" x 22" rectangle capacity
- ◆ Column type production saw
- ◆ Semi-automatic operation
- ◆ Hydraulic vise, feed, and return
- ◆ Hydraulic blade tension
- ◆ 1-1/4" blade
- ◆ 220V 3-phase

# Semi-Auto Band Saws – BS-700SA

SPECIFICATIONS – BS-700SA		
Capacity		
Round	27.5"	700 mm
Square	27.5"	700 mm
Rectangular	29.75" x 27.5"	760 x 700 mm
Blade Size (H x W x L)	2.126" / .063" / 283.465"	54 mm / 1.6 mm / 7200 mm
Blade Speed	65.6 – 278.87 fpm	20 – 87.7 mpm
Blade Guide	Hydraulic Carbide	
Table Height	26.75"	680 mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Inverter	
Motor	10 hp	
Power	220V / 3-Phase	
Shipping Weight	9,000 lbs.	4104 kgs.

Specifications subject to change without notice.

- ◆ 29.75" x 27.5" rectangle capacity
- ◆ Variable-speed
- ◆ Twin column type production saw
- ◆ Semi-automatic operation
- ◆ Manual vise and return
- ◆ Hydraulic carbide blade guide
- ◆ Hydraulic blade tension
- ◆ Automatic chip conveyor
- ◆ Powered wire chip brush
- ◆ 220V 3-phase



# Semi-Auto Band Saws – BS-800SA

- ◆ 31.5" x 31.5" square capacity
- ◆ Variable-speed
- ◆ 10 HP
- ◆ Twin column type production saw
- ◆ Semi-automatic operation
- ◆ Hydraulic vise, feed, and return
- ◆ Hydraulic carbide blade guide
- ◆ Hydraulic blade tension
- ◆ Automatic chip conveyor
- ◆ Powered wire chip brush
- ◆ 220V 3-phase

SPECIFICATIONS – BS-800SA		
Capacity		
Round	31.5"	800 mm
Square	31.5"	800 mm
Blade Size (H x W x L)	2.126" / .063" / 326.772"	54 mm / 1.6 mm / 8300 mm
Blade Speed	65.6 – 278.87 fpm	20 – 87.7 mpm
Blade Guide	Hydraulic Carbide	
Table Height	25.5"	650 mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Inverter	
Motor	10 hp	
Power	220V / 3-Phase	
Shipping Weight	9,500 lbs.	4332 kgs.

*Specifications subject to change without notice.*



# Semi-Auto Band Saws – BS-1100SA

## SPECIFICATIONS – BS-1100SA

Capacity		
Round	43.3"	1100 mm
Square	43.3"	1100 mm
Blade Size (H x W x L)	2.638" / .063" / 385.827"	67 mm / 1.6 mm / 9800 mm
Blade Speed	65.6 – 278.87 fpm	20 – 87.7 mpm
Blade Guide	Hydraulic Carbide	
Table Height	26.772"	680 mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Drive	Inverter	
Motor	15 hp	
Power	220V / 3-Phase	
Shipping Weight	10,000 lbs.	4560 kgs.

Specifications subject to change without notice.

- ◆ 43.3" x 43.3" square capacity
- ◆ Inverter driven
- ◆ Variable-speed
- ◆ 15 HP
- ◆ Twin column type production saw
- ◆ Semi-automatic operation
- ◆ Hydraulic vise, feed, and return
- ◆ Hydraulic carbide blade guide
- ◆ Hydraulic blade tension
- ◆ Automatic chip conveyor
- ◆ Powered wire chip brush
- ◆ 220V 3-phase



# Choosing the Correct Blade for Your Band Saw

S	Outer Diameter of the Tube (inch) /Tooth pitch																	
	0.79	1.574	2.362	3.15	4	4.724	6	7.873	11.811	15.75	19.685	23.621	27.5	31.5	35.5	39.5	59	
0.079	14	14	14	14	14	14	10-14tpi	10-14tpi	8-12tpi	8-12tpi	6-10tpi	6-10tpi	5-8tpi	5-8tpi	5-8tpi	5-8tpi	5-8tpi	5-8tpi
0.118	14	14	10-14tpi	10-14tpi	10-14tpi	10-14tpi	8-12tpi	8-12tpi	6-10tpi	6-10tpi	5-8tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi
0.157	14	14	10-14tpi	10-14tpi	8-12tpi	8-12tpi	8-12tpi	8-12tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi
0.197	14	10-14tpi	10-14tpi	10-14tpi	8-12tpi	8-12tpi	8-12tpi	6-10tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi
0.236	14	10-14tpi	10-14tpi	8-12tpi	8-12tpi	8-12tpi	8-12tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi
0.315	14	10-14tpi	8-12tpi	8-12tpi	8-12tpi	6-10tpi	6-10tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi	2-3tpi
0.394		8-12tpi	6-10tpi	6-10tpi	6-10tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi	2-3tpi	2-3tpi
0.472		8-12tpi	6-10tpi	6-10tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi
0.591		8-12tpi	6-10tpi	5-8tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi
0.787			6-10tpi	5-8tpi	4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi
1.181				4-6tpi	4-6tpi	4-6tpi	3-4tpi	3-4tpi	3-4tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	1.4-2tpi
2						3-4tpi	3-4tpi	3-4tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi
3								2-3tpi	2-3tpi	2-3tpi	2-3tpi	2-3tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi
4									2-3tpi	2-3tpi	2-3tpi	2-3tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi
6										2-3tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1.4-2tpi	1-1.4tpi	1-1.4tpi	1-1.4tpi	1-1.4tpi
7.873											1.4-2tpi	1.4-2tpi	1.4-2tpi	1-1.4tpi	1-1.4tpi	1-1.4tpi	1-1.4tpi	.75-1.25tpi
9.842												1.4-2tpi	1-1.4tpi	1-1.4tpi	1-1.4tpi	1-1.4tpi	.75-1.25tpi	.75-1.25tpi
11.81													1-1.4tpi	1-1.4tpi	.75-1.25tpi	.75-1.25tpi	.75-1.25tpi	.75-1.25tpi
13.778														1-1.4tpi	.75-1.25tpi	.75-1.25tpi	.7-1.0tpi	.7-1.0tpi
15.747															.75-1.25tpi	.75-1.25tpi	.7-1.0tpi	.7-1.0tpi
17.716																.7-1.0tpi	.7-1.0tpi	.7-1.0tpi
19.685																	.7-1.0tpi	.7-1.0tpi

S = Wall Thickness

If you have to cut two or more tubes lying side by side please use this table in consideration of the double wall thickness (s).

When you purchase your Baileigh Industrial Band Saw, there are a lot of things to consider. The most important element of a great cut is the blade. Baileigh Industrial has hundreds of blades in stock and ready to ship.

Above is a table to help you choose the correct blade for cutting mild steel tube and pipe.

Cutting mild steel or annealed material you would want no less than 3 teeth touching the material or no more than 24. The ideal amount of teeth touching the material at one time would be 6 – 12. When picking the correct tooth count you also want to consider the wall thickness, too aggressive of a tooth count will cause the teeth to get caught on the side walls, breaking the teeth. Too fine of a tooth count will cause problems when you are cutting through the top or bottom of your material. This can cause premature blade wear or motor failure.

Conditions that will influence pitch selection:

- Soft materials require less teeth and more gullet capacity.
- Hard materials require more teeth to share in the work and less gullet.
- Machine capabilities. Constant feed machines can use a coarser pitch. Gravity feed machines will require a finer pitch.

Please remember that there are Proper Techniques for all Types of Shapes (see diagram).

Please consult a Baileigh Technician for help in choosing the correct blades for your application.

### Diagnosing Cutting Issues with Band Saw Blades

#### Premature and Excessive Tooth Wear

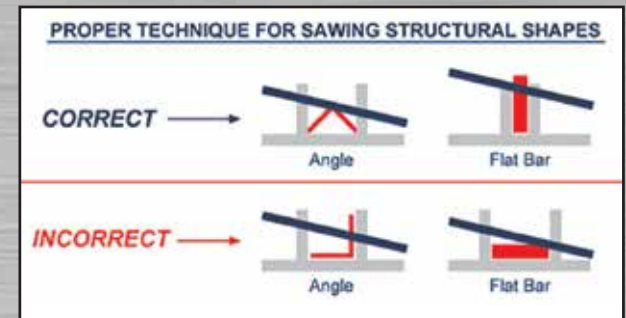
- Feed pressure too light, increase it
- Lower blade velocity
- Improper tooth selection, use a finer pitch
- Improper break-in with new blade. Velocity and feeding should be reduced the first few cuts
- Teeth are running the wrong direction. Be sure teeth are pointing in the proper direction
- Incorrect saw guide insert size for the blade, allowing them to strike teeth

#### Blade Stalls in Work

- Feed pressure too great – decrease feed
- Teeth too coarse, use finer tooth blade

### Blade Making Belly-Shaped Cuts

- Increase tension
- Adjust guides closer to work piece
- Teeth too fine – use a coarse pitch
- Decrease feed force
- Teeth dull



# Automatic Band Saws – BS-20A

## SPECIFICATIONS – BS-20A

Capacity		
Round (90°/45°)	13" / 11"	330 mm / 279 mm
Square (90°/45°)	13" / 11"	330 mm / 279 mm
Rectangular (90°/45°)	13" x 18" / 13" x 11"	330 x 457 / 330 x 279 mm
Blade Size (H x W x L)	1" / .035" / 162.59"	25 mm / .889 mm / 4130 mm
Blade Speed (fpm)	89 – 256 (Variable Speed)	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 45°	
Miter Adjustment	Swivel Head	
Table Height	32.3"	820 mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Chip Removal	Hydraulic Auger	
Material Feed	Hydraulic	
Material Clamping / Bundling	Hydraulic	
Motor		
Blade	5 hp	
Hydraulic	1 hp	
Power	220V / 3-Phase	
Shipping Dimensions (L x W x H)	90" x 87" x 69"	2286 x 2210 x 1752 mm
Shipping Weight	3,500 lbs.	1591 kgs.

Specifications subject to change without notice.

- ◆ 13" x 18" rectangle capacity
- ◆ Fully automatic operation of feed and cutting functions
- ◆ Hydraulic feed with bundling standard
- ◆ Auger-type chip removal system
- ◆ Touch screen control
- ◆ Head miterers up to 45°
- ◆ 220V 3-phase



# Automatic Band Saws – BS-24A



## SPECIFICATIONS – BS-24A

Capacity		
Round (90°/45°)	18" / 15"	457 mm / 380 mm
Square (90°/45°)	18" / 15"	457 mm / 380 mm
Rectangular (90°)	15" x 24"	380 x 610 mm
Blade Size (H x W x L)	1.5" / .051" / 209.85"	38 mm / 1.3 mm / 5330 mm
Blade Speed (fpm)	65 – 279 (Variable Speed)	
Blade Guide	Carbide / Roller	
Miter Angle	0 – 45°	
Miter Adjustment	Swivel Head	
Table Height	32.3"	820 mm
Descent Control	Pressure Assist Hydraulic	
Return	Hydraulic	
Chip Removal	Hydraulic Auger	
Material Feed	Hydraulic	
Material Clamping / Bundling	Hydraulic	
Motor		
Blade	5 hp	
Hydraulic	1 hp	
Power	220V / 3-Phase	
Shipping Dimensions (L x W x H)	109" x 90" x 77"	2769 x 2286 x 1956 mm
Shipping Weight	3,900 lbs.	1770 kgs.

*Specifications subject to change without notice.*

- ◆ 15" x 24" rectangle capacity
- ◆ Fully automatic operation of feed and cutting functions
- ◆ Hydraulic feed table with bundling
- ◆ Hydraulic auger-type chip removal system
- ◆ Touch screen control
- ◆ Head miters 45°
- ◆ Halogen work light
- ◆ 220V 3-phase

# Automatic Band Saws – BSV-12VS

SPECIFICATIONS – BSV-12VS		
Throat Depth	12.2"	310 mm
Maximum Thickness	9"	228 mm
Motor	1/2 hp	
Blade Length	99.25"	2520 mm
Blade Width	1/8" – 1/2"	3.1 mm – 13 mm
Blade Thickness	.032"	.8 mm
Slant of Table	10° F/Rear, 15° L/R	
Table Size	19.68" x 15.75"	500 mm x 400 mm
Variable Blade Speeds	65 – 295 fpm	
Butt-Welder Capacity (Blade Width)	.51"	13 mm
Service Requirements	120V	
Shipping Dimensions (L x W x H)	60" x 45" x 81"	1525 x 1143 x 2050mm
Shipping Weight	668 lbs.	303 kgs.

Specifications subject to change without notice.

- ◆ 12.2" throat depth
- ◆ 9" maximum thickness
- ◆ Utilizes 1/8" to 1/2" blades
- ◆ Table pivots left and right, forward and back for chamfer cuts
- ◆ Tungsten carbide blade guides
- ◆ Variable speed
- ◆ Full blade welding station
- ◆ 120V

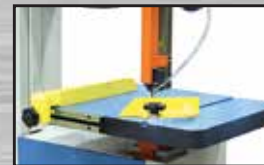


# Automatic Band Saws – BSV-14VS



SPECIFICATIONS – BSV-14VS		
Throat Depth	13.97"	355 mm
Maximum Thickness	9"	228 mm
Motor	1 hp	
Blade Length	113"	2870 mm
Blade Width	1/8" – 5/8"	3.12 mm – 16 mm
Blade Thickness	.032"	.8 mm
Slant of Table	10° F/Rear, 15° L/R	
Table Size	19.68" x 15.75"	500 mm x 400 mm
Variable Blade Speeds	65 - 295 fpm	
Butt-Welder Capacity (Blade Width)	.74"	18.8 mm
Service Requirements	120V	
Shipping Dimensions (L x W x H)	60" x 45" x 81"	1525 x 1143 x 2057mm
Shipping Weight	799 lbs.	363 kgs.

*Specifications subject to change without notice.*



- ◆ 13.97" throat depth
- ◆ 9" maximum thickness
- ◆ Utilizes 1/8" – 5/8" blade
- ◆ Table pivots left and right, forward and back for chamfer cuts
- ◆ Tungsten carbide blade guides
- ◆ Variable speed
- ◆ Full blade welding station
- ◆ 120V

# Automatic Band Saws – BSV-18VS

## SPECIFICATIONS – BSV-18VS

Throat Depth	17.875"	454 mm
Maximum Thickness	10"	254 mm
Motor	1 Hp	
Blade Length	141.73"	3600 mm
Blade Width	1/8" – 5/8"	3.12 mm – 15.875 mm
Blade Thickness	.032"	.8 mm
Slant of Table	10° F/Rear, 15° L/R	
Table Size	23.6" x 19.6"	668 mm x 498 mm
Variable Blade Speeds	85 – 375 fpm	
Butt-Welder Capacity (Blade Width)	.74"	18.75 mm
Service Requirements	120V or 220V, 1-Phase	
Shipping Dimensions (L x W x H)	60" x 45" x 93"	1525 x 1143 x 2362mm
Shipping Weight	886 lbs.	402 kgs.

Specifications subject to change without notice.

- ◆ 17.875" throat depth
- ◆ 10" maximum thickness
- ◆ Utilizes 1/8" – 5/8" blade
- ◆ Table pivots left and right, forward and back for chamfer cuts
- ◆ Tungsten carbide blade guides
- ◆ Variable speed
- ◆ Full blade welding station
- ◆ 120 or 220 V single phase



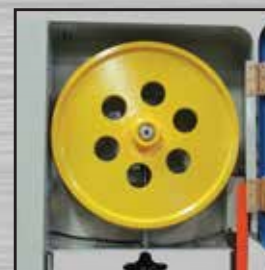
# Automatic Band Saws – BSV-20VS



- ◆ Variable Speed
- ◆ 20-1/2" throat
- ◆ 12-3/8" maximum thickness
- ◆ Utilizes 1/8" – 3/4" blade
- ◆ Rip fence and miter protractor included
- ◆ Table pivots left and right for chamfer cuts
- ◆ Full blade welding station
- ◆ DRO for speed read out
- ◆ 220V 1-phase

SPECIFICATIONS – BSV-20VS		
Throat Depth	20.50"	520 mm
Maximum Thickness	12.375"	310 mm
Motor	2 Hp	
Blade Length	153"	3880 mm
Blade Width	1/8" – 3/4"	3 mm – 16 mm
Blade Thickness	.032"	.8 mm
Slant of Table	5° Left, 15° Right	
Table Size	26" x 27.50"	660 mm x 700 mm
Variable Blade Speeds	65 – 1640 rpm	
Butt-Welder Capacity (Blade Width)	.813"	0.020 mm
Service Requirements	220V, 60 hz, 1-Phase	
Shipping Dimensions (L x W x H)	57" x 44" x 85"	1450 x 1100 x 2140 mm
Shipping Weight	1,100 lbs.	499 kgs.

*Specifications subject to change without notice.*



# Band Saws – BSVT-18P

## SPECIFICATIONS – BSVT-18P

Solid Round Capacity	11-13/32"
Head Miter	45° Left and Right
Coolant System	Yes
Coolant Capacity	18.35 Gallons
Rectangle Capacity	20" x 16-1/4"
Miter Angle	45° - 0° - 45°
Motor 2 hp	
Maximum Thickness	20"
Throat Depth	16-1/4"
Working Height	39.5"
Capacity Rectangle	45° 13-57/64" x 16-1/4" - Right / 13-19/32" x 16-1/4" - Left
Blade Guide	Bearing and Carbide
Blade Length	356"
Blade Speed	84 - 312 fpm
Blade Thickness	.035"
Max. Vise Opening	18"
Motor Coolant	1/8 hp
Power	220V 3-phase
Shipping Weight	1,510 lbs
Shipping Dimensions	82" X 38.2" X 87.7"

Specifications subject to change without notice.

- ◆ Vertical tilt-frame
- ◆ Variable speed – 84 to 312 fpm
- ◆ 1-1/16" blade
- ◆ Miters 45 degrees left and right
- ◆ 18" maximum cutting thickness
- ◆ Halogen work light
- ◆ 2 hp
- ◆ 220V 3-phase



# Band Saws – BSVT-18SA



SPECIFICATIONS – BS-18SA		
Capacity		
Round (90°/45°/60°)	18" / 15.75" / 10.75"	330 mm / 279 mm
Rectangular (90°/45°/60°)	23" x 18" / 15.75" x 18" / 10.75" x 18"	584 x 457 / 400 x 457 / 273 x 457 mm
Blade Size (H x W x L)	1-1/4" x 198" x .042"	31.75 mm x 5030 mm x 1.07 mm
Blade Guide	Carbide and Bearing	
Tilt Angle	0 – 60° Left and Right	
Tilt Adjustment	Hydraulic	
Blade Speed	0–450 fpm (Variable)	
Blade Pressure	0–425 lbs. (Variable)	0–193 kgs. (Variable)
Coolant Capacity	12 gal.	
Oil Capacity	20 gal.	
Horse Power	5	
Power	220V / 3-Phase	
Shipping Weight	4,050 lbs.	1840 kgs.

*Specifications subject to change without notice.*

- ◆ Vertical tilt-frame
- ◆ Variable Speed
- ◆ 1-1/4" blade
- ◆ Tilts 60° left and right of center
- ◆ 7" hydraulic vise
- ◆ Unist MQL coolant system
- ◆ LED work lamp
- ◆ 5 hp
- ◆ 220V 3-phase

# Cold Saws – CS-225M

CS-225M		
Mitering Capacities	90°	45°
○	2.5" (63 mm)	2.125" (54 mm)
●	1.75" (44 mm)	1.5" (38 mm)
□	2.25" x 2.25" (57 mm x 57 mm)	2" x 2" (50 mm x 50 mm)
Specifications		
Maximum Blade Diameter	9" (225 mm)	
Arbor Size	1.26" (32 mm)	
Blade Speed	50 rpm	
Operation	Manual	
Head Style	Pivot	
Maximum Vise Opening	2.75"	
Vise Style	Dual Action, Self Centering	
Head Miter	45°	
Slotting Capable	No	
Coolant System	Yes	
Motor	1 hp	
Electrical Requirements	110V	
Shipping Dimensions (L x W x H)	25" x 15" x 28" (635 x 381 x 711 mm)	
Shipping Weight	187 lbs. (85 kgs.)	

- ◆ 9" blade
- ◆ Manual feed
- ◆ Integrated coolant system with electric pump
- ◆ Bench top model
- ◆ Miters up to 45° left
- ◆ 110V



# Cold Saws – CS-250EU



- ◆ 10" blade
- ◆ Manual feed
- ◆ Miters up to 45° left and right
- ◆ 110V

CS-250EU		
Mitering Capacities	90°	45°
○	3" (75 mm)	3" (75 mm)
●	1.2" (30 mm)	1.2" (30 mm)
□	2.5" x 2.5" (65 mm x 65 mm)	2.2" x 2.2" (55 mm x 55 mm)
▭	2.5" x 2" (65 mm x 50 mm)	2.4" x 2" (60 mm x 50 mm)
Specifications		
Maximum Blade Diameter	10" (250 mm)	
Arbor Size	1.26" (32 mm)	
Blade Speed	54 rpm	
Operation	Manual	
Head Style	Pivot	
Maximum Vise Opening	4" (100 mm)	
Vise Style	Single Action with Cam Lock	
Head Miter	45° Left / 45° Right	
Slotting Capable	No	
Coolant System	Yes	
Motor	1 hp	
Electrical Requirements	110V	
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219 mm)	
Shipping Weight	375 lbs. (170 kgs.)	

Specifications subject to change without notice.



# Cold Saws – CS-275EU

CS-275EU		
Mitering Capacities	90°	45°
○	3.25" (85 mm)	3.25" (85 mm)
●	3.25" (85mm)	3.25" (85mm)
□	2.5" x 2.5" (63.5 mm x 63.5 mm)	2.2" x 2.2" (55 mm x 55 mm)
▤	2.5" x 2.5" (63.5 mm x 63.5 mm)	2.2" x 2" (55.8mm x 50mm)
Specifications		
Maximum Blade Diameter	11" (275 mm)	
Arbor Size	1.26" (32 mm)	
Blade Speed	54 rpm	
Operation	Manual	
Head Style	Pivot	
Maximum Vise Opening	4" (100 mm)	
Vise Style	Single Action with Cam Lock	
Head Miter	45° Left / 45° Right	
Slotting Capable	No	
Coolant System	Yes	
Motor	1.5 hp	
Electrical Requirements	110V	
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219 mm)	
Shipping Weight	425 lbs. (194 kgs.)	

- ◆ 11" blade
- ◆ Manual feed
- ◆ Miters up to 45° left and right
- ◆ 110V



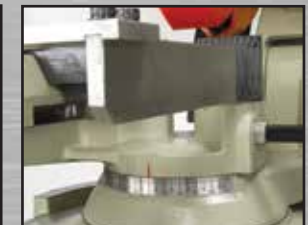
# Cold Saws – CS-315EU



CS-315EU		
Mitering Capacities	90°	45°
○	3.5" (88.9 mm)	3.5" (88.9 mm)
●	2" (50 mm)	2" (50 mm)
□	3.2" x 3.2" (82 mm x 82 mm)	3.2" x 3.2" (82 mm x 82 mm)
▭	4.25" x 2.75" (110 mm x 70 mm)	3.25" x 2.75" (85 mm x 70 mm)
Specifications		
Maximum Blade Diameter	12.5" (317 mm)	
Arbor Size	1.26" (32 mm)	
Blade Speed	52 rpm	
Operation	Manual	
Head Style	Pivot	
Maximum Vise Opening	4.72" (120 mm)	
Vise Style	Single Action with Cam Lock	
Head Miter	45° Left / 45° Right	
Slotting Capable	No	
Coolant System	Yes	
Motor	2.5 hp	
Electrical Requirements	220V, 1-Phase	
Shipping Dimensions (L x W x H)	40" x 40" x 72" (1016 x 1016 x 1829 mm)	
Shipping Weight	500 lbs. (228 kgs.)	

Specifications subject to change without notice.

- ◆ 12.5" blade
- ◆ Manual feed
- ◆ Miters up to 45° left and right
- ◆ 220V, 1-phase



# Cold Saws – CS-350EU

CS-350EU		
Mitering Capacities	90°	45°
○	4.7" (120 mm)	4" (100 mm)
●	3.5" (90 mm)	3" (75 mm)
□	4" x 4" (100 mm x 100 mm)	3.5" x 3.5" (90 mm x 90 mm)
▭	6.3" x 3.5" (160 mm x 90 mm)	3.5" x 2.8" (90 mm x 70 mm)
Specifications		
Maximum Blade Diameter	14" (350 mm)	
Arbor Size	1.26" (32 mm)	
Blade Speed	24 – 120 rpm	
Operation	Manual	
Head Style	Pivot	
Maximum Vise Opening	6.50" (165 mm)	
Vise Style	Single Action with Cam Lock	
Head Miter	45° Left / 45° Right	
Slotting Capable	No	
Coolant System	Yes	
Motor	3 hp	
Electrical Requirements	220V, 1-Phase	
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219 mm)	
Shipping Weight	550 lbs. (250 kgs.)	

Specifications subject to change without notice.

- ◆ 14" blade
- ◆ Variable speed inverter driven
- ◆ Digital readout for rpm
- ◆ Miters 45° left and right
- ◆ 220V, 1-phase



# Cold Saws – CS-275M / CS-275SA



CS-275M

- ◆ 11" blade
- ◆ Miters both ways
- ◆ Stop mechanism
- ◆ Cuts ferrous and non-ferrous metals
- ◆ 2-3/4" capacity
- ◆ Self centering vise
- ◆ 2 operating speeds
- ◆ 220V 3-phase



CS-275SA

- ◆ 11" blade
- ◆ Semi-automatic operation (manual feed also available)
- ◆ Miters up to 45° left and right
- ◆ Self centering vise
- ◆ 2 operating speeds
- ◆ 220V 3-phase

CS-275M		
Mitering Capacities	90°	45°
○	2.75" (69 mm)	2.25" (57 mm)
●	1.5" (38 mm)	1.5" (38 mm)
□	2.75" x 2.75" (69 mm x 69 mm)	2.165" x 2.165" (55 mm x 55 mm)
▭	2.75" x 2.9" (69 mm x 73 mm)	2.165" x 2.25" (55 mm x 57 mm)
Specifications		
Maximum Blade Diameter	11" (275 mm)	
Arbor Size	1.26" (32 mm)	
Blade Speed	Two Speeds, 60 rpm / 120 rpm	
Operation	Manual	
Head Style	Pivot	
Maximum Vise Opening	4.5" (114 mm)	
Vise Style	Dual Action, Self Centering	
Head Miter	90° Slotting, 45° Left / 45° Right	
Slotting Capable	Yes, Left and Right	
Coolant System	Yes	
Motor	3.0 / 1.5 hp	
Electrical Requirements	220V, 3-Phase	
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219 mm)	
Shipping Weight	724 lbs. (330 kgs.)	

Specifications subject to change without notice.

CS-275SA		
Mitering Capacities	90°	45°
○	2.75" (69 mm)	2.25" (57 mm)
●	1.5" (38 mm)	1.5" (38 mm)
□	2.75" x 2.75" (69 mm x 69 mm)	2.165" x 2.165" (55 mm x 55 mm)
▭	2.75" x 2.9" (69 mm x 73 mm)	2.165" x 2.25" (55 mm x 57 mm)
Specifications		
Maximum Blade Diameter	11" (275 mm)	
Arbor Size	1.26" (32 mm)	
Blade Speed	Two Speeds, 60 rpm / 120 rpm	
Operation	Semi-Automatic	
Head Style	Pivot	
Maximum Vise Opening	4" (100 mm)	
Vise Style	Dual Action, Self Centering	
Head Miter	90° Slotting, 45° Left / 45° Right	
Slotting Capable	Yes, Left and Right	
Coolant System	Yes	
Motor	3.0 / 1.5 hp	
Electrical Requirements	220V, 3-Phase	
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219 mm)	
Shipping Weight	1,000 lbs. (455 kgs.)	

Specifications subject to change without notice.

# Cold Saws – CS-350M

CS-350M		
Mitering Capacities	90°	45°
○	4.331" (110 mm)	2.953" (75 mm)
●	2.362" (60 mm)	1.575" (40 mm)
□	4.25" x 4.25" (108 mm x 108 mm)	2.953" x 2.953" (75 mm x 75 mm)
▭	4.25" x 3.5" (108 mm x 89 mm)	2.953" x 2.362" (75 mm x 60 mm)
Specifications		
Maximum Blade Diameter	14" (350 mm)	
Arbor Size	1.26" (32 mm)	
Blade Speed	Two Speeds, 26 rpm / 52 rpm	
Operation	Manual	
Head Style	Pivot	
Maximum Vise Opening	6.5" (165 mm)	
Vise Style	Dual Action, Self Centering	
Head Miter	90° Slotting, 45° Left / 45° Right	
Slotting Capable	Yes, Left and Right	
Coolant System	Yes	
Motor	4.0 / 3.0 hp	
Electrical Requirements	220V, 3-Phase	
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219 mm)	
Shipping Weight	820 lbs. (373 kgs.)	

*Specifications subject to change without notice.*

- ◆ 14" blade
- ◆ Manual feed
- ◆ Miters up to 45° left and right
- ◆ Self centering vise
- ◆ External back lash adjustment
- ◆ 2 operating speeds
- ◆ 220V 3-phase



# Cold Saws – CS-350P



CS-350P		
Mitering Capacities	90°	45°
○	4.331" (110 mm)	2.953" (75 mm)
●	2.362" (60 mm)	1.575" (40 mm)
□	4.25" x 4.25" (108 mm x 108 mm)	2.953" x 2.953" (75 mm x 75 mm)
▣	4.25" x 3.5" (108 mm x 89 mm)	2.953" x 2.362" (75 mm x 60 mm)
Specifications		
Maximum Blade Diameter	14" (350 mm)	
Arbor Size	1.26" (32 mm)	
Blade Speed	Two Speeds, 26 rpm / 52 rpm	
Operation	Manual with Pneumatic Vise	
Head Style	Pivot	
Maximum Vise Opening	6.5" (165 mm)	
Vise Style	Dual Action, Self Centering	
Head Miter	90° Slotting, 45° Left / 45° Right	
Slotting Capable	Yes, Left and Right	
Coolant System	Yes	
Motor	4.0 / 3.0 hp	
Electrical Requirements	220V, 3-Phase	
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219 mm)	
Shipping Weight	834 lbs. (379 kgs.)	

Specifications subject to change without notice.

- ◆ Pneumatic centering vise
- ◆ Stop mechanism
- ◆ Heavy cast construction
- ◆ Cuts ferrous and non-ferrous metals
- ◆ 4-1/4" capacity
- ◆ External back lash adjustment
- ◆ 2 operating speeds
- ◆ 220V 3-phase

# Cold Saws – CS-350SA

CS-350SA		
Mitering Capacities	90°	45°
○	4.331" (110 mm)	2.953" (75 mm)
●	2.362" (60 mm)	1.575" (40 mm)
□	4.25" x 4.25" (108 mm x 108 mm)	2.953" x 2.953" (75 mm x 75 mm)
▭	4.25" x 3.5" (108 mm x 89 mm)	2.953" x 2.362" (75 mm x 60 mm)
Specifications		
Maximum Blade Diameter	14" (350 mm)	
Arbor Size	1.26" (32 mm)	
Blade Speed	Two Speeds, 26 rpm / 52 rpm	
Operation	Semi-Automatic	
Head Style	Pivot	
Maximum Vise Opening	6" (153 mm)	
Vise Style	Dual Action, Self Centering	
Head Miter	90° Slotting, 45° Left / 45° Right	
Slotting Capable	Yes, Left and Right	
Coolant System	Yes	
Motor	4.0 / 3.0 hp	
Electrical Requirements	220V, 3-Phase	
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219 mm)	
Shipping Weight	900 lbs. (410 kgs.)	

Specifications subject to change without notice.

- ◆ Pneumatic centering vise, hydraulic blade descent
- ◆ Automatic shut-off and vise release
- ◆ Stop mechanism
- ◆ Heavy cast construction
- ◆ Cuts ferrous and non-ferrous metals
- ◆ 4-1/4" capacity
- ◆ External back lash adjustment
- ◆ 2 operating speeds
- ◆ 220V 3-phase



# Cold Saws – CS-355M / CS-355SA

- ◆ Miters left and right
- ◆ Centering vise
- ◆ Stop mechanism
- ◆ Heavy cast construction
- ◆ Cuts non-ferrous metals
- ◆ Blade turns at 3200 rpm
- ◆ 4-1/4" capacity
- ◆ 220V 3-phase

CS-355M



CS-355SA



**PERFECT FOR ALUMINUM**

CS-355M		
Mitering Capacities	90°	45°
○	4.331" (110 mm)	2.953" (75 mm)
●	2.362" (60 mm)	1.575" (40 mm)
□	4.25" x 4.25" (108 mm x 108 mm)	2.953" x 2.953" (75 mm x 75 mm)
▤	4.25" x 3.5" (108 mm x 89 mm)	2.953" x 2.362" (75 mm x 60 mm)
Specifications		
Maximum Blade Diameter	14" (350 mm)	
Arbor Size	1" (25.4 mm)	
Blade Speed	3200 rpm	
Operation	Manual	
Head Style	Pivot	
Maximum Vise Opening	6.5" (165 mm)	
Vise Style	Dual Action, Self Centering	
Head Miter	90° Slotting, 45° Left / 45° Right	
Slotting Capable	Yes, Left and Right	
Coolant System	Yes	
Motor	5.5 hp	
Electrical Requirements	220V, 3-Phase	
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219 mm)	
Shipping Weight	790 lbs. (360 kgs.)	

Specifications subject to change without notice.

CS-355SA		
Mitering Capacities	90°	45°
○	4.331" (110 mm)	2.953" (75 mm)
●	2.362" (60 mm)	1.575" (40 mm)
□	4.25" x 4.25" (108 mm x 108 mm)	2.953" x 2.953" (75 mm x 75 mm)
▤	4.25" x 3.5" (108 mm x 89 mm)	2.953" x 2.362" (75 mm x 60 mm)
Specifications		
Maximum Blade Diameter	14" (350 mm)	
Arbor Size	1" (25.4 mm)	
Blade Speed	3200 rpm	
Operation	Semi-Automatic	
Head Style	Pivot	
Maximum Vise Opening	6.5" (165 mm)	
Vise Style	Dual Action, Self Centering	
Head Miter	90° Slotting, 45° Left / 45° Right	
Slotting Capable	Yes, Left and Right	
Coolant System	Yes	
Motor	5.5 hp	
Electrical Requirements	220V, 3-Phase	
Shipping Dimensions (L x W x H)	60" x 44" x 48" (1524 x 1118 x 1219 mm)	
Shipping Weight	798 lbs. (363 kgs.)	

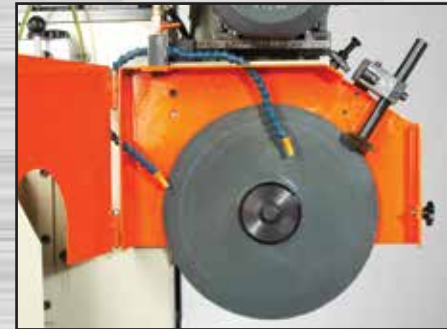
Specifications subject to change without notice.

# Cold Saws – CS-C425SA

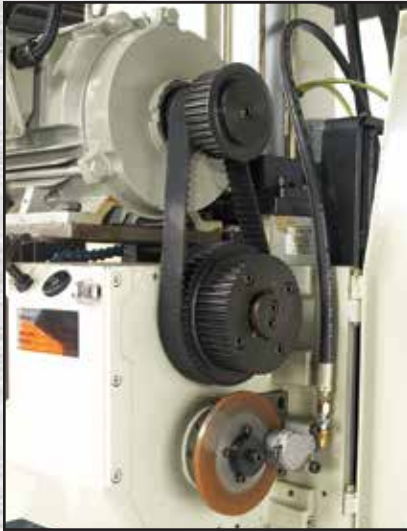
CS-C425SA		
Mitering Capacities	90°	45°
○	4.92" (125 mm)	4.5" (114 mm)
●	2.75" (70 mm)	2.36" (60 mm)
□	4.33" x 4.33" (110 mm x 110 mm)	3.93" x 3.93" (100 mm x 100 mm)
▣	4.72" x 1.96" (120 mm x 49 mm)	3.93" x 1.96" (100 mm x 49 mm)
Specifications		
Maximum Blade Diameter	17" (425 mm) – 14" (350 mm) standard	
Arbor Size	1.26" (32 mm)	
Blade Speed	Four-Speeds – 35 rpm / 70 rpm & 60 rpm / 120 rpm	
Operation	Semi-Automatic	
Head Style	Column	
Maximum Vise Opening	6" (153 mm)	
Vise Style	Single Action	
Head Miter	45° Left / 30° Right	
Slotting Capable	No	
Coolant System	Yes	
Motor	5.0 / 3.0 hp	
Electrical Requirements	220V, 3-Phase	
Shipping Dimensions (L x W x H)	58" x 33" x 84" (1473 x 838 x 2134 mm)	
Shipping Weight	1,870 lbs. (850 kgs.)	

Specifications subject to change without notice.

- ◆ Accepts up to 17" blade
- ◆ Semi-automatic operation
- ◆ Dual miter swivel head
- ◆ Air assist column pivot
- ◆ Tool gap compensation device
- ◆ Automatic blade shut-off
- ◆ Manual back gauge
- ◆ 4 operating speeds
- ◆ 220V 3-phase



# Cold Saws – CS-C485SA



CS-C 485SA		
Mitering Capacities	90°	45°
○	4.92" (125 mm)	4.5" (114 mm)
●	2.75" (70 mm)	2.36" (60 mm)
□	4.33" x 4.33" (110 mm x 110 mm)	3.93" x 3.93" (100 mm x 100 mm)
▭	4.72" x 1.96" (120 mm x 49 mm)	3.93" x 1.96" (100 mm x 49 mm)
Specifications		
Maximum Blade Diameter	17" (425 mm) – 14" (350 mm) standard	
Arbor Size	1.26" (32 mm)	
Blade Speed	Inverter Driven – 40 rpm to 240 rpm	
Operation	Semi-Automatic	
Head Style	Column	
Maximum Vise Opening	6" (153 mm)	
Vise Style	Single Action	
Head Miter	45° Left / 30° Right	
Slotting Capable	No	
Coolant System	Yes	
Motor	5.0 hp	
Electrical Requirements	220V, 3-Phase	
Shipping Dimensions (L x W x H)	58" x 33" x 88" (1473 x 838 x 2235 mm)	
Shipping Weight	1,898 lbs. (863 kgs.)	

*Specifications subject to change without notice.*

- ◆ Accepts up to 17" blade
- ◆ Inverter driven
- ◆ Semi-automatic operation
- ◆ Dual miter swivel head
- ◆ Air assist column pivot
- ◆ Tool gap compensation device
- ◆ Automatic blade shut-off
- ◆ Manual back gauge
- ◆ 220V 3-phase

# Automatic Cold Saws – CS-400AV

CS-400AV		
Mitering Capacities	90°	45°
○	6" (152 mm)	N/A
●	6" (152 mm)	N/A
□	4.75" x 4.75" (120 mm x 120 mm)	N/A
▭	6" x 2.375" (152 mm x 60 mm)	N/A
Specifications		
Maximum Blade Diameter	18" (455 mm) – 16" (400 mm) standard	
Arbor Size	1" (25.4 mm)	
Blade Speed	3200 rpm	
Operation	Automatic	
Head Style	Column	
Maximum Vise Opening	6" (152 mm)	
Vise Style	Single Action with Floating Feed	
Head Miter	None	
Slotting Capable	No	
Coolant System	Yes	
Motor	5.0 hp	
Electrical Requirements	220V, 3-Phase	
Shipping Dimensions (L x W x H)	87" x 52" x 60" (2210 x 1321 x 1524 mm)	
Shipping Weight	3,630 lbs. (1650 kgs.)	

*Specifications subject to change without notice.*

- ◆ Non-ferrous
- ◆ Blade turns at 3200 rpm
- ◆ Heavy duty column feed
- ◆ Automatic work piece feeding, clamping, and cutting
- ◆ High-speed aluminum saw
- ◆ Includes chip collection device
- ◆ 220V 3-phase



# Automatic Cold Saws – CS-475AV



CS-475AV		
Mitering Capacities	90°	45°
○	4.92" (125 mm)	N/A
●	3" (76 mm)	N/A
□	4.92" x 4.92" (125 mm x 125 mm)	N/A
□	5.11" x 3.15" (129 mm x 80 mm)	N/A
Specifications		
Maximum Blade Diameter	17" (425 mm) – 16" (400 mm) standard	
Arbor Size	1.26" (32 mm)	
Blade Speed	Four Speeds – 35 rpm / 70 rpm & 60 rpm / 120 rpm	
Operation	Automatic	
Head Style	Column	
Maximum Vise Opening	5.9" (150 mm)	
Vise Style	Single Action with Floating Feed	
Head Miter	None	
Slotting Capable	No	
Coolant System	Yes	
Motor	5.0 hp / 3.0 hp	
Electrical Requirements	220V, 3-Phase	
Shipping Dimensions (L x W x H)	96" x 72" x 86" (2438 x 1829 x 2184 mm)	
Shipping Weight	3,600 lbs. (1637 kgs.)	

*Specifications subject to change without notice.*

- ◆ User-friendly touch screen
- ◆ Heavy duty column feed
- ◆ Automatic work piece feeding, clamping, and cutting
- ◆ Four speeds for cutting ferrous and non-ferrous metals
- ◆ 220V 3-phase

# Tungsten Carbide Cold Saw – CS-70NC

CS-70NC		
Mitering Capacities	90°	45°
○	2.75" (70 mm)	N/A
●	2.75" (70 mm)	N/A
□	2.36" x 2.36" (60 mm x 60 mm)	N/A
□	2.36" x 2.36" (60 mm x 60 mm)	N/A
Specifications		
Maximum Blade Diameter	11" (285 mm)	
Arbor Size	1.26" (32 mm)	
Blade Speed	Inverter Driven – 17 rpm to 200 rpm	
Operation	Automatic with Magazine Feeder	
Head Style	Column	
Maximum Vise Opening	3.5" (89 mm)	
Vise Style	Single Action with Hydraulic Feed	
Head Miter	None	
Slotting Capable	No	
Coolant System	Yes	
Motor	10 hp	
Electrical Requirements	220V, 3-Phase	
Shipping Dimensions (L x W x H) – 2 Crates	195" x 44" x 64" (4953 x 1118 x 1626 mm) 135" x 90" x 102" (3429 x 2286 x 2591 mm)	
Shipping Weight	5,800 lbs. (2637 kgs.)	

Specifications subject to change without notice.

- ◆ 11" carbide blade
- ◆ Full automatic magazine style material feed system
- ◆ 19' in-feed table
- ◆ User friendly touch screen control
- ◆ 220V 3-phase



# Choosing the Correct Blade for Your Cold Saw

When you purchase your Baileigh Industrial Cold Saw, there are a lot of things to consider. The most important element of a great cut is the blade. Baileigh Industrial has hundreds of blades in stock and ready to ship.

Left, is a table to help you choose the correct blade for cutting mild steel tube and pipe.

When cutting materials other than mild steel, other variables come into play.

## Mild Steel

Optimal cut quality and blade life is achieved by cutting at a speed of approximately 100 to 125 SFM (surface feet per minute).

## Stainless Steel

The person selecting the blade must multiply the tooth count in the chart by 1.2 to ensure proper blade life and cut quality. Optimal cut quality and blade life is achieved by cutting at a speed of approximately 70 SFM.

## Aluminum

The person selecting the blade must multiply the tooth count in the chart by .75 to ensure proper blade life and cut quality. Optimal cut quality and blade life is achieved by cutting at a speed of approximately 300 SFM.

## Solids

Solids also have their quirks when it comes to cut quality and blade life. Below left, is a chart to help you pick the best blade for your solid material application. Remember that the same rules for blade speed apply to solids as they do to tube and pipe.

One other important idea to consider when trying to optimize blade life is the type of cold saw you are purchasing. A semi-automatic cold saw with controlled descent of the head will always provide longer blade life over a manually operated saw.

If you have any further questions regarding blades for your cold saw, please contact any of our service technicians at 920-684-4990. They will be more than willing to assist you in choosing the right blade from the hundreds that we have in stock and ready to ship.

Tube Diameter	Wall Thickness	Blade Diameter- Metric (Normal Inch)						
		225 (9")	250 (10")	275 (10-3/4")	300 (12")	315 (12-1/2")	350 (14")	401.0 (16")
1/2"	.030"-.090"	220BW	240BW	280BW	300BW	300BW	320BW	340BW
1/2"	.090"-.150"	200BW	220BW	240BW	280BW	280BW	300BW	320BW
1"	.030"-.060"	220BW	240BW	280BW	300BW	300BW	320BW	340BW
1"	.060"-.090"	220BW	220BW	240BW	280BW	280BW	300BW	320BW
1"	.090"-.150"	180BW	220BW	220BW	240BW	240BW	280BW	300BW
1-1/2"	.030"-.060"	220BW	240BW	260BW	300BW	300BW	320BW	340BW
1-1/2"	.060"-.090"	200BW	220BW	240BW	280BW	280BW	300BW	320BW
1-1/2"	.090"-.150"	180BW	200BW	220BW	240BW	240BW	280BW	300BW
1-1/2"	.150"-.250"	140C	160C	180C	200C	220C	220C	240BW
2"	.030"-.060"	240BW	260BW	280BW	300BW	300BW	320BW	340BW
2"	.060"-.090"	180BW	200BW	220BW	240BW	240BW	280BW	320BW
2"	.090"-.180"	140C	160C	180C	220C	220C	220C	300BW
2"	.180"-.300"	120C	140C	160C	180C	180C	200C	240BW
2"	.300"-.500"	100C	110C	120C	140C	140C	160C	180C
2-1/2"	.030"-.060"	240BW	260BW	280BW	300BW	300BW	320BW	340BW
2-1/2"	.060"-.090"	200BW	220BW	240BW	260BW	260BW	280BW	300BW
2-1/2"	.090"-.150"	180BW	180C	180C	200C	200C	220C	240BW
2-1/2"	.150"-.250"	120C	140C	160C	180C	180C	200C	220C
2-1/2"	.250"-.400"	100C	110C	120C	140C	140C	160C	180C
2-1/2"	.400".500"	90C	100C	110C	120C	120C	140C	160C
3"	.030"-.060"			280BW	300BW	300BW	320BW	340BW
3"	.060"-.090"			240BW	260BW	260BW	280BW	300BW
3"	.090"-.150"			180C	200C	200C	220C	240BW
3"	.150".250"			160C	180C	180C	200C	220C
3"	.150"-.250"			120C	140C	140C	160C	180C
3"	.250"-.400"			100C	120C	120C	140C	160C
3-1/2"	.030"-.060"				300BW	300BW	320BW	340BW
3-1/2"	.060"-.090"				260BW	260BW	280BW	300BW
3-1/2"	.090"-.150"				200C	200C	220C	240BW
3-1/2"	.150".250"				180C	180C	200C	220C
3-1/2"	.150"-.250"				140C	140C	160C	180C
3-1/2"	.250"-.400"				120C	120C	140C	160C

For Stainless Steel; Recommended Teeth x 1.2 Approx.

For Non-Ferrous Materials; Recommended Teeth x .75 Approx.

SOLID Diameter	Blade Diameter- Metric (Normal Inch)						
	225 (9")	250 (10")	275 (10-3/4")	300 (12")	315 (12-1/2")	350 (14")	401.0 (16")
1/4"-3/4"	180BW	180C	200C	220BW	220BW	280BW	320BW
3/4"-1-1/4"	120C	120C	140C	180C	180C	220BW	240BW
1-1/4"-1-3/4"	100C	100C	120C	140C	140C	180C	200C
1-3/4"-2-1/4"	80C	80C	100C	120C	120C	120C	140C
2-1/4"-2-3/4"	60C	60C	70C	80C	80C	80C	90C
2-3/4"-3-1/2"				60C	60C	60C	80C

# Abrasive Chop Saw – AS-350M

## SPECIFICATIONS – AS-350M

Capacity @ 90°		
Round	4.5"	114 mm
Rectangle	5.5" x 3.5"	139 mm x 89 mm
Capacity @ 45°		
Round	4"	101 mm
Rectangle	2.5" x 3"	63 mm x 76 mm
Max Vise Opening	6.5"	165 mm
Blade Size	14"	350 mm
Blade Speed	4300 rpm	
Drive	Belt	
Motor	7.5 hp	
Power Requirement	220V / 3-phase	
Shipping Dimensions (L x W x H)	60" x 44" x 48"	1524 x 1118 x 1219 mm
Shipping Weight	319 lbs.	145 kgs.

Specifications subject to change without notice.

- ◆ 14" abrasive disc
- ◆ Dual mitering swivel head
- ◆ Quick-release vise
- ◆ 220V 3-phase



# Deburring Machine – DM-10

OPTIONAL TOOLING	
SKU	Description
1017936	Medium, Steel Wire Wheel, 250 x 60 mm Dia., .3 mm Wire
1017937	Fine, Steel Wire Wheel, 250 x 60 mm Dia., .2 mm Wire
1017938	Coarse, Steel Wire Wheel, 250 x 60 mm Dia., .5 mm Wire
1017965	Stainless Steel Wire Wheel, 250 x 60 mm Dia., .3 mm Wire



SPECIFICATIONS – DM-10		
Motor	3 hp	
Wheel Thickness	10" x 2.375"	250 mm x 60 mm
Wheel Speed	1400 and 2800 rpm	
Power	220V 3-phase	
Shipping Dimensions (L x W x H)	27" x 19" x 40"	690 x 470 x 1000 mm
Shipping Weight	261 lbs.	119 kgs.

*Specifications subject to change without notice.*

- ◆ Deburs tube, pipe, and profiles
- ◆ Two Speed Motor
- ◆ Includes heavy duty pedestal stand
- ◆ Integrated filter bag
- ◆ Optional deburring wheels available
- ◆ 220V 3-phase

# Buffing Wheels – IB-8 / IB-10

## SPECIFICATIONS – IB-8

Wheel Size	8" x 1/2" x 5/8"
Wheel Type	Spiral and Half Spiral
Shaft Diameter	5/8"
Spacer Sizes	1/2", 1", 2"
Motor HP	1-1/2"
Motor Speed	3,600 rpm
Power Requirements	115V
Decibels	75dB @ 3'
Foot Print	9-1/2" x 8-1/16"
Distance between Mounting Holes	8-1/2"
Shipping Dimensions	27" x 11" x 12"
Shipping Weight	50 lbs.

Specifications subject to change without notice.

- ◆ 8" buffer/polisher
- ◆ 3600 rpms
- ◆ LED light included
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ 2 extra pairs of flange washers included
- ◆ 115V



IB-8

## SPECIFICATIONS – IB-10

Wheel Size	10" x 1" x 1"
Wheel Type	Spiral and Half Spiral
Shaft Diameter	1"
Spacer Sizes	1/2", 1", 2"
Motor HP	1-1/2"
Motor Speed	1,800 rpm
Power Requirements	115V
Decibels	75dB @ 3'
Foot Print	10" x 9-5/8"
Distance between Mounting Holes	8-3/4"
Shipping Dimensions	34" x 13" x 15-1/2"
Shipping Weight	85 lbs.

Specifications subject to change without notice.

- ◆ 10" buffer/polisher
- ◆ 1800 rpms
- ◆ LED light included
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ 2 extra pairs of flange washers included
- ◆ 115V
- ◆ CSA Certified



IB-10

# Bench Grinders – IGB-8 / IGB-10



- ◆ 8" Industrial bench grinder
- ◆ 3600 rpms
- ◆ LED light included
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ One-piece quick adjusting spark guards
- ◆ Adjustable tool rests
- ◆ 1-1/4" dresser included
- ◆ CSA listed
- ◆ 115V

SPECIFICATIONS – IGB-8	
Wheel Size	8" x 1" x 5/8"
Wheel Type	Aluminum Oxide
Wheel Grits	36 & 60
Shaft Diameter	5/8"
Motor HP	1"
Motor Speed	3,600 rpm
Power Requirements	115V
Decibels	75dB @ 3'
Foot Print	9-1/2" x 8-1/16"
Distance between Mounting Holes	8-1/2"
Shipping Dimensions	23" x 14" x 14"
Shipping Weight	75 lbs.

*Specifications subject to change without notice.*



- ◆ 10" Industrial bench grinder
- ◆ 1800 rpms
- ◆ LED light included
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ One-piece quick adjusting spark guards
- ◆ Adjustable tool rests
- ◆ Dia. 1-1/4" dresser included
- ◆ CSA listed
- ◆ 115V

SPECIFICATIONS – IGB-10	
Wheel Size	10" x 1" x 1"
Wheel Type	Aluminum Oxide
Wheel Grits	36 & 60
Shaft Diameter	1"
Motor HP	1-1/2"
Motor Speed	1,800 rpm
Power Requirements	115V
Decibels	75dB @ 3'
Foot Print	10" x 9-5/8"
Distance between Mounting Holes	8-3/4"
Shipping Dimensions	34" x 13" x 15-1/2"
Shipping Weight	125 lbs.

*Specifications subject to change without notice.*

# Disc & Belt Grinders – IGBB-436

## SPECIFICATIONS – IGBB-436

Wheel Size	8" x 1" x 5/8"
Wheel Type	Aluminum Oxide
Wheel Grits	36
Shaft Diameter	5/8"
Tool Rest Size	5-1/8" x 2-15/16"
Tool Rest Tilt	45 degrees down
Belt Size	36" x 4"
Belt Grit	80
Belt Speed (SFPM)	3769
Belt Drive Wheel	4" x 4-1/6"
Belt Table Tilt	45 Degrees
Belt Table Size	6-5/16" x 2-15/16"
Motor HP	1"
Motor Speed	3,600 rpm
Power Requirements	115V
Decibels	75dB @ 3'
Foot Print	9-1/2" x 8-1/16"
Distance between Mounting Holes	8-1/2"
Shipping Dimensions	23" x 24" x 17"
Shipping Weight	100 lbs.

Specifications subject to change without notice.

- ◆ 8" Combination belt grinder and bench grinder
- ◆ 3600 rpms
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ One-piece quick adjusting spark guards
- ◆ Adjustable tool rests
- ◆ 1-1/4" dresser included
- ◆ CSA listed
- ◆ 115V



# Disc & Belt Grinders – DG-500 / DG-500HD

## SPECIFICATIONS – DG-500

Disc Diameter	20"	508 mm
Disc Speed	1,100 rpm	
Table Dimensions	25.5" x 14.5"	647 mm x 368 mm
Table Adjustments		
Upward	30°	
Downward	45°	
Motor	2 hp	
Power Requirements	220V, 1-phase	
Shipping Dimensions (L x W x H)	30.5" x 28" x 54.5"	775 x 711 x 1384 mm
Shipping Weight	438 lbs.	200 kgs.

Specifications subject to change without notice.

- ◆ 20" disc diameter
- ◆ Sturdy, adjustable floor stand
- ◆ Hand wheel for fast table adjustments
- ◆ 220V 1-phase



DG-500



DG-500HD

## SPECIFICATIONS – DG-500HD

Disc Diameter	20"	508 mm
Disc Speed	1,720 rpm	
Table Dimensions	27.5" x 10.5"	699 mm x 267 mm
Table Adjustments		
Upward	30°	
Downward	45°	
Motor	2 hp	
Power Requirements	220V, 1ph, 60hz, 30A	
Shipping Dimensions (L x W x H)	48" x 45" x 57"	1219 x 1143 x 1448 mm
Shipping Weight	463 lbs.	210 kgs.

Specifications subject to change without notice.

- ◆ 20" disc diameter
- ◆ Foot brake
- ◆ Table adjusts 15 degrees up and 45 degrees down
- ◆ Hydraulic assist table lift
- ◆ 1750 rpm
- ◆ 220V 1-phase

# Disc & Belt Grinders – BG-142S

## SPECIFICATIONS – BG-142S

Number of Wheels	3
Belt Size	1" x 42"
Belt Speed (SFP)	5500
Belt Drive Wheel	4.75" x 1"
Motor HP	3/4 hp
Shipping Dimensions	25" x 23" x 25"
Shipping Weight	125 lbs.
Power Requirements	115V

Specifications subject to change without notice.

- ◆ 1" x 42" belt grinder
- ◆ 3 contact wheels
- ◆ Positive belt tracking adjust
- ◆ Quick belt change with belt tensioner
- ◆ Cast metal frame / body
- ◆ Adjustable tool rests
- ◆ Integrated dust chute
- ◆ 115V



# Disc & Belt Grinders – BG-248S

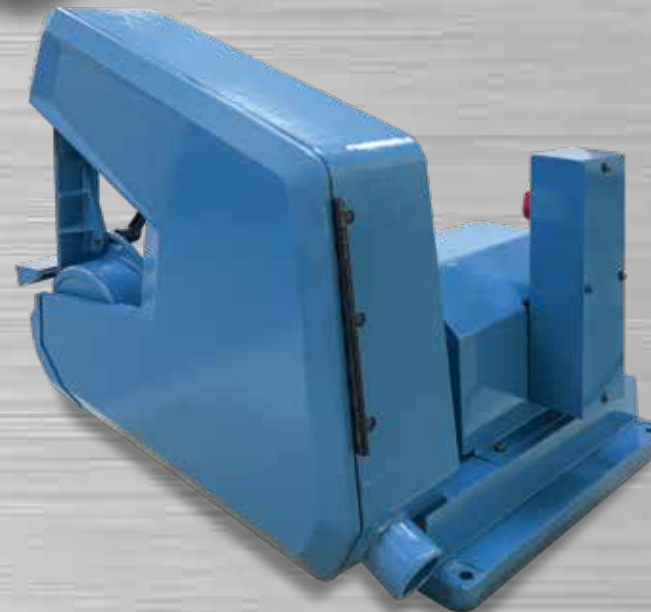


## SPECIFICATIONS – BG-248S

Number of Wheels	3
Belt Size	2" x 48"
Belt Speed (SFP)	6000
Belt Drive Wheel	5" x 2"
Motor HP	1 hp
Shipping Dimensions	25" x 23" x 25"
Shipping Weight 1	35 lbs.
Power Requirements	115V

*Specifications subject to change without notice.*

- ◆ 2" x 48" belt grinder
- ◆ 3 contact wheels
- ◆ 6000 SFP
- ◆ Quick belt change with belt tensioner
- ◆ Cast metal frame / body
- ◆ Adjustable tool rests
- ◆ Integrated dust chute
- ◆ 115V



# Disc & Belt Grinders – BG-260S

## SPECIFICATIONS – BG-260S

Number of Wheels	3
Belt Size	2" x 60"
Belt Speed (SFP)	8000
Speeds	Single
Belt Drive Wheel	7" x 2"
Motor HP	1-1/2 hp
Shipping Dimensions	30" x 26" x 29"
Shipping Weight	161 lbs.
Power Requirements	115V

Specifications subject to change without notice.

- ◆ 2" x 60" belt grinder
- ◆ 3 contact wheels
- ◆ 8000 SFP
- ◆ Quick belt change with belt tensioner
- ◆ Cast metal frame / body
- ◆ Adjustable tool rests
- ◆ Integrated dust chute
- ◆ 115V



# Disc & Belt Grinders – BG-260

- ◆ 2" x 60" three wheel grinder
- ◆ Inverter driven variable speed
- ◆ 7" diameter contact wheels
- ◆ Quick change belt system
- ◆ 110V or 220V single phase

SPECIFICATIONS – BG-260		
Belt Size	60" x 2"	1524 mm x 51 mm
Belt Speeds (ft./min.)	800–8000 fpm (variable)	
Dust Collection	No	
Motor	1.5 hp	
Power Requirement	110V / 220 1-phase	
Shipping Dimensions (L x W x H)	46" x 23" x 23"	1168 x 584 x 584 mm
Shipping Weight	125 lbs.	57 kgs.

*Specifications subject to change without notice.*



# Disc & Belt Grinders – BG-248-3

## SPECIFICATIONS – BG-248-3

Belt Size	48" x 2"	1220 mm x 51 mm
Belt Speeds (ft./min.)	3600 fpm	
Dust Collection	No	
Motor	1.5 hp	
Power Requirement	110V	
Shipping Dimensions (L x W x H)	46" x 23" x 23"	1168 x 584 x 584 mm
Shipping Weight	175 lbs.	80 kgs.

*Specifications subject to change without notice.*

- ◆ 2" x 48" three wheel grinder
- ◆ 7 independent work stations
- ◆ 5 integrated contact wheels, 3/4", 1", 1-1/2", 3-1/2", and 8"
- ◆ Wheels rotate for perfect radius
- ◆ Stand included
- ◆ Head tilts for easy access to difficult angles
- ◆ 110V



# Disc & Belt Grinders – BG-248-2



## SPECIFICATIONS – BG-248-2

Belt Size	48" x 2"	1220 mm x 50.8 mm
Belt Speed	8000 fpm (2438 mpm)	
Motor	1.5 hp	
Power Requirement	110V, 60 hz	
Shipping Dimensions (L x W x H)	26.8" x 24.4" x 13.2"	680 x 620 x 335 mm
Shipping Weight	113 lbs.	51 kgs.

*Specifications subject to change without notice.*

- ◆ 2" x 48" two wheel grinder
- ◆ Platen, slack, & contact wheel grinding
- ◆ Adjustable work rest
- ◆ Pivoting head
- ◆ 8,000 FPM
- ◆ 1.5HP
- ◆ 110V
- ◆ Blade sharpening and table attachments available (sold separately)

# Disc & Belt Grinders – BG-379

SPECIFICATIONS – BG-379		
Max. Belt Size	78.75" x 3"	2000 mm x 76 mm
Contact Wheel (Dia. x Width)	7.87" x 3"	200 mm x 76 mm
Belt Speed (ft./min.)	6,691 fpm	
Dust Collection	Yes	
Motor	4 hp	
Power Requirements		
Main	220V 3-Phase	
Dust Collection	220V 3-Phase	
Shipping Dimensions (L x W x H)	46" x 23" x 23"	1168 x 584 x 584 mm
Shipping Weight	231 lbs.	105 kgs.

Specifications subject to change without notice.

- ◆ 3" belt width
- ◆ Dust collection system standard
- ◆ Sturdy triangular base
- ◆ 3 grinding stations
- ◆ 220V 3-phase



# Disc & Belt Grinders – BG-679

- ◆ 6" belt width
- ◆ Dust collection system standard
- ◆ Sturdy triangular base
- ◆ 3 grinding stations
- ◆ 220V 3-phase



SPECIFICATIONS – BG-679		
Max. Belt Size	78.75" x 6"	2000 mm x 152 mm
Contact Wheel (Dia. x Width)	9.84" x 6"	250 mm x 152 mm
Belt Speed (ft./min.)	3,937 fpm	
Dust Collection	Yes	
Motor	4 hp	
Power Requirements		
Main	220V 3-Phase	
Dust Collection	220V 3-Phase	
Shipping Dimensions (L x W x H)	46" x 26" x 26"	1168 x 660 x 660 mm
Shipping Weight	286 lbs.	130 kgs.

*Specifications subject to change without notice.*

# Disc & Belt Grinders – DBG-9248

## SPECIFICATIONS – BG-9248

Disc Diameter	9"
Disc Grits	80
Disc Table Size	11-13/16" x 5-29/32"
Disc Table Tilt	45 degrees down
T-Slot Size	3/4" x 3/8"
Dust Port	2"
Belt Size	48" x 2"
Belt Grit	80
Belt Speed (SFPM)	4712
Belt Drive Wheel	5" x 2"
Belt Table Tilt	45 Degrees Down
Belt Table Size	4-11/32" x 3"
Dust port	2"
Motor HP	1"
Motor Speed	3,600 rpm
Power Requirements	115V
Decibels	75dB @ 3'
Foot Print	9-1/2" x 8-1/16"
Distance between Mounting Holes	8-1/2"
Shipping Dimensions	27" x 25" x 17"
Shipping Weight	100 lbs.

Specifications subject to change without notice.

- ◆ Combination belt grinder and sanding disc
- ◆ 9" sanding disc
- ◆ 2" x 48" grinding belt
- ◆ 3600 rpms
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ Work light included
- ◆ CSA listed
- ◆ 115V



# Disc & Belt Grinders – DBG-9436



## SPECIFICATIONS – BG-9436

Disc Diameter	9"
Disc Grits	80
Disc Table Size	11-13/16" x 5-29/32"
Disc Table Tilt	45 degrees down
T-Slot Size	3/4" x 3/8"
Dust Port	2"
Belt Size	36" x 4"
Belt Grit	80
Belt Speed (SFPM)	3769
Belt Drive Wheel	4" x 4"
Belt Table Tilt	45 Degrees Down
Belt Table Size	6-5/16" x 3"
Dust port	2"
Motor HP	1"
Motor Speed	3,600 rpm
Power Requirements	115V
Decibels	75dB @ 3'
Foot Print	9-1/2" x 8-1/16"
Distance between Mounting Holes	8-1/2"
Shipping Dimensions	22" x 25" x 17"
Shipping Weight	100 lbs.

*Specifications subject to change without notice.*

- ◆ Combination belt grinder and sanding disc
- ◆ 9" sanding disc
- ◆ 4" x 36" grinding belt
- ◆ 3600 rpms
- ◆ Enclosed pre-lubricated ball bearings
- ◆ Rubber mounts
- ◆ Adjustable tool rests
- ◆ Work light included
- ◆ CSA listed
- ◆ 115V

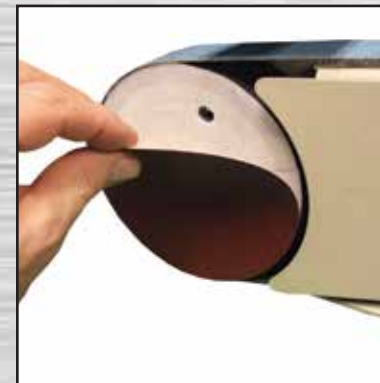
# Disc & Belt Grinders – DBG-62

## SPECIFICATIONS – DBG-62

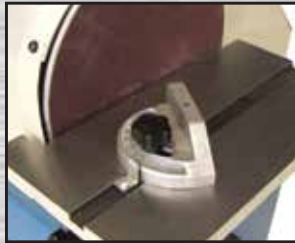
Belt Size (L x W)	40" x 2"	1016 mm x 50 mm
Belt Speed (ft./min.)	4,330 fpm	
Table Dimensions	5.31" x 3.14"	135 mm x 79 mm
Disc Diameter	6"	152 mm
Disc Speed	2,800 rpm	
Motor	1 hp	
Power Requirements	110V	
Shipping Dimensions (L x W x H)	23" x 18" x 15"	584 x 457 x 381 mm
Shipping Weight	64 lbs.	30 kgs.

Specifications subject to change without notice.

- ◆ 6" disc diameter
- ◆ 2" belt width
- ◆ Bench top model
- ◆ Adjustable tables for easy chamfering
- ◆ Pivoting belt station
- ◆ 110V



# Disc & Belt Grinders – DBG-106



*"As an automotive designer, I'm proud to create high-quality, unique rides for my customers. Thanks to Baileigh Industrial, I will never again be limited by my equipment. Over the past few years, we at Cal Automotive Creations have outfitted our shop exclusively with Baileigh Equipment, and we've never looked back."*

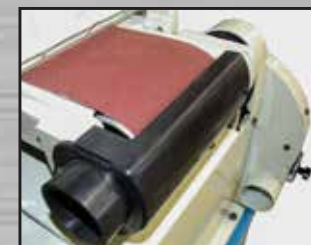
**Andy Leach**  
**Cal Automotive Creations**  
**Bennington, NE**



SPECIFICATIONS – DBG-106		
Belt Size (L x W)	48" x 6"	1220 mm x 152 mm
Belt Speed (ft./min.)	1,653 fpm	
Belt Table Dimensions	6" x 10.5"	152 mm x 266 mm
Table Angle Adj.	45°	
Disc Diameter	9.84"	250 mm
Disc Speed	2,100 rpm	
Disc Table Dimensions	7.5" x 13"	190 mm x 330 mm
Chamfer Angle	15°	
Max. Chamfer @ 15°	.177"	4.5 mm
Motor	1.5 hp	
Power Requirements	110V, 1-phase	
Shipping Dimensions (L x W x H)	29" x 17" x 17"	737 x 432 x 432 mm
Shipping Weight	335 lbs.	152 kgs.

*Specifications subject to change without notice.*

- ◆ 10" disc diameter
- ◆ 6" belt width
- ◆ Quick change belt system
- ◆ Large, adjustable tables for easy chamfering
- ◆ Pivoting belt station
- ◆ 110V



# Metal Dust Collectors – MDC-1800

## SPECIFICATIONS – MDC-1800

Air Capacity	1846 CFM	
Noise	76 dB	
Inlet Size	8" x 4" (3)	203 mm x 101 mm (3)
Motor	3 hp	
Power	220V Single Phase	
Shipping Dimensions	32" x 30" x 42"	815 mm x 740 mm x 1070 mm
Shipping Weight	320 lbs.	145 kgs.

Specifications subject to change without notice.

- ◆ Dust collector designed for metal working
- ◆ Cyclone style
- ◆ 1450 CFM
- ◆ Quiet
- ◆ Fire resistant
- ◆ Bag filter
- ◆ Post filter
- ◆ Easily removable chip tray
- ◆ Portable
- ◆ 220V single phase



# Metal Dust Collectors – MDC-1200-HD



Cartridge filter



Filter removal



Hepa filter



## SPECIFICATIONS – MDC-1200-HD

Air Capacity	1100 CFM	
Noise	75 dB	
Filter	HEPA Cartridge	
Filter Size	Ø15" x 26"L	Ø380 mm x 660 mm
Inlet Size	6"	152.4 mm
Motor	1.5 hp	
Power Requirements	110V	
Shipping Dimensions (L x W x H)	34.7" x 25.8" x 68.2"	879.8 x 656 x 1731 mm
Shipping Weight	550 lbs.	250 kgs.

*Specifications subject to change without notice.*

- ◆ Heavy duty metalworking dust collector
- ◆ 1.5 hp
- ◆ 1100 CFM
- ◆ Pulse clean filter cartridge system (air supply required)
- ◆ Fire resistant teflon coated filter
- ◆ Magnehelic pressure gauge
- ◆ Full steel construction
- ◆ HEPA filter standard
- ◆ Tool-less filter maintenance
- ◆ CSA – U.S. certified
- ◆ 110V

# Metal Dust Collectors – MDC-3500-HD

## SPECIFICATIONS – MDC-3500-HD

Air Capacity	2340 CFM	
Noise	78 dB	
Filter	HEPA Cartridge	
Filter Size	Ø15" x 26"L	Ø380 mm x 660 mm
Inlet Size	10"	354 mm
Motor	5 hp	
Power Requirements	230 V Three Phase	
Shipping Dimensions (L x W x H)	38.2" x 39.2" x 75.6"	969.9 x 994.4 x 1917.6 mm
Shipping Weight	550 lbs.	250 kgs.

Specifications subject to change without notice.

- ◆ Heavy duty metalworking dust collector
- ◆ 5 hp
- ◆ 2340 CFM
- ◆ Pulse clean filter cartridge system
- ◆ Fire resistant teflon coated filter
- ◆ Magnehelic pressure gauge
- ◆ Full steel construction
- ◆ HEPA filter standard
- ◆ Tool-less filter maintenance
- ◆ CSA – U.S. certified
- ◆ 220V 3 phase



Cartridge filter



Filter removal



Hepa filter



[WWW.BAILEIGH.COM](http://www.baileigh.com)



*Jimmy Shine  
Jimmy Shine's Workshop*

*"Starting with a couple basic machines needed at So-Cal Speed Shop, I was introduced to Baileigh Industrial, that was over 10 years ago and now even my own shop is filled with the machines that I've grown to know and rely on every day. Tools and their quality is very important, but there is something as*

*important or maybe even more so . . . that's the people who stand behind them. The staff at Baileigh have always been on point for any technical support or to rush a needed part overnight to complete a job and get us to the track. That kind of service makes the difference."*

# Metal Down Draft Tables – DDTM-5922

SPECIFICATIONS – DDTM-5922		
Table Size	61" x 21.6"	2000 mm
CFM	1790 Per Motor	
Number of Motors	2	
Motor HP	.5 hp	
Filter Type	250 Micron / Fireproof	
Number of Filters	4	
Filter Size	16" x 20" x 1"	406 mm x 508 mm x 25 mm
Shipping Dimension	66" x 28" x 37"	2750 mm x 940 mm x 1160 mm
Shipping Weight	550 lbs.	250 kgs.

*Specifications subject to change without notice.*

- ◆ 59" x 22" downdraft table
- ◆ 3 mm thick stainless steel work surface
- ◆ Perfect for grinding and sanding
- ◆ Dual motors
- ◆ 1790 CFM per motor
- ◆ Fire resistant
- ◆ Air filters
- ◆ Easy clean out chip compartments
- ◆ 110V



# Metal Down Draft Tables – DDTM-8024

- ◆ 80" x 24" downdraft table
- ◆ 3 mm thick stainless steel work surface
- ◆ Perfect for grinding and sanding
- ◆ Dual motors
- ◆ 1950 CFM per motor
- ◆ Fire resistant
- ◆ Air filters
- ◆ Easy clean out chip compartments
- ◆ 220V single phase

SPECIFICATIONS – DDTM-8024		
Table Size	80" x 24"	2035 mm x 610 mm
CFM	1950 Per Motor	
Number of Motors	2	
Motor HP	1 hp	
Filter Type	250 Micron / Fireproof	
Number of Filters	4	
Filter Size	16" x 20" x 1"	406 mm x 508 mm x 25 mm
Shipping Dimension	87" x 32" x 35"	2200 mm x 805 mm x 880 mm
Shipping Weight	715 lbs.	325 kgs.

*Specifications subject to change without notice.*



# Metal Down Draft Tables – DDTM-4840-HD

## SPECIFICATIONS – DDTM-4840-HD

Table Size	48" x 40"	1240 mm x 1030 mm
Table Surface	Open Grate System	
CFM	1350 at Base	
Face Velocity	244 FPM	
Filter System	3 Stage	
Stage 1 Filter	Aluminum Mesh	
Stage 1 Filter Size	11.3" x 23.8" x 0.86"	285 x 630 x 22 mm
Stage 2 Filter	Polyester Teflon Coated Cartridge with Pulse Clean	
Stage 2 Filter Size	Ø11.25" x 13"L	Ø385 x 330 mm L
Stage 3 Filter	HEPA	
Stage 3 Filter Size	18" x 20" x 5.9"	457 x 508 x 150 mm
Required Air Supply	60–90 psi (For Pulse Clean Feature)	
Motor	1.5 hp	
Power Requirements	230V 3 Phase	
Shipping Dimensions (L x W x H)	58.8" x 39.3" x 73.6"	1493 x 998 x 1869 mm
Shipping Weight	1,019 lbs.	468 kgs.

Specifications subject to change without notice.

- ◆ 48" x 40" working area
- ◆ Heavy duty metalworking down draft table
- ◆ Perfect for grinding or sanding
- ◆ 2 hp
- ◆ 1350 CFM
- ◆ 3 stage filter
  1. Fire resistant aluminum
  2. Pulse clean filter system (air supply required)
  3. HEPA filter
- ◆ Easy clean out chip tray
- ◆ Full steel construction
- ◆ Includes side and back panels
- ◆ Integrated work light
- ◆ 110V aux. outlet
- ◆ Aux. air port
- ◆ CSA – U.S. certified
- ◆ 230V 3 phase



Cartridge filter



Chip tray



Hepa filter

# Metal Down Draft Tables – DDTM-8052-HD



SPECIFICATIONS – DDTM-8052-HD		
Table Size	78" x 52"	1990 mm x 1321 mm
Table Surface	Open Grate System	
CFM	2340 at Base	
Face Velocity	222 FPM	
Filter System	3 Stage	
Filter System	3 Stage	
Stage 1 Filter	Aluminum Mesh x 2	
Stage 1 Filter Size	11.3" x 23.8" x 0.86"	285 x 630 x 22 mm
Stage 2 Filter	Polyester Teflon Coated Cartridge with Pulse Clean x 6	
Stage 2 Filter Size	Ø11.25" x 13"L	Ø385 x 330 mm L
Stage 3 Filter	HEPA	
Stage 3 Filter Size	18" x 20" x 5.9"	457 x 508 x 150 mm
Required Air Supply	60–90 psi (For Pulse Clean Feature)	
Motor	5 hp	
Power Requirements	230V 3 Phase	
Shipping Dimensions (L x W x H)	88.3" x 53.2" x 73.6"	2241.5 x 1350 x 1870.9 mm
Shipping Weight	1,742 lbs.	790 kgs.

*Specifications subject to change without notice.*

- ◆ 72" x 52" working area
- ◆ Heavy duty metalworking down draft table
- ◆ Perfect for grinding or sanding
- ◆ 5 hp
- ◆ 2340 CFM
- ◆ 3 stage filter
  1. Fire resistant aluminum
  2. Pulse clean filter system (air supply required)
  3. HEPA filter
- ◆ Easy clean out chip tray
- ◆ Full steel construction
- ◆ Includes side and back panels
- ◆ Integrated work light
- ◆ 110V aux. outlet
- ◆ Aux. air port
- ◆ CSA – U.S. certified
- ◆ 230V 3 phase

# Chamfering – CM-6

## SPECIFICATIONS – CM-6

Chamfer Size	0 – .236"	0 – 6 mm
Chamfer Angle	15 – 45°	
Motor	1.5 hp	
Power Requirements	110V	
Shipping Dimensions (L x W x H)	16" x 20" x 20"	406 x 508 x 508 mm
Shipping Weight	180 lbs.	82 kgs.

Specifications subject to change without notice.

- ◆ Chamfering machine
- ◆ Adjustable angle from 15° to 45°
- ◆ 110V



# Plate Bevelers – CM-10P



SPECIFICATIONS – CM-10P		
Chamfer @ 90°	0 – .275"	0 – 7 mm
Chamfer @ 45°	0 – .393"	0 – 10 mm
Motor	1 hp Brushless	
Power Requirements	110V	
Shipping Dimensions (L x W x H)	20" x 12" x 12"	508 x 305 x 305 mm
Shipping Weight	20 lbs.	9.28 kgs.

*Specifications subject to change without notice.*

- ◆ Portable
- ◆ Includes bench mount
- ◆ Brushless motor technology
- ◆ Light weight
- ◆ 5-blade cutter head with removable inserts included
- ◆ Breakaway cord
- ◆ 3/8" mild steel bevel capacity
- ◆ 110V



# Plate Bevelers – CM-060PR

## SPECIFICATIONS – CM-060PR

Max. Bevel Width (15°)	.625"	15.875 mm
Max. Bevel Width (45°)	.75"	19.05 mm
Bevel Angle	0°, 15°, 30°, 37.5°, 45°, 60°	
RPM	3,450	
Motor	1.5 hp	
Power	110V	
Shipping Dimensions (L x W x H)	27" x 19" x 40"	685 x 482 x 1016 mm
Shipping Weight	75 lbs.	34 kgs.

Specifications subject to change without notice.

- ◆ Powerful 1.5hp AC motor
- ◆ Incredibly silent while running
- ◆ The beveling angle adjustable from 0 to 60 degrees
- ◆ Maximum bevel is 3/4" @ 45°
- ◆ 12 insert carbide milling blade
- ◆ Light weight design dictates that only one person is necessary for operation
- ◆ Includes a rolling case to allow for easy transport
- ◆ 110V



# Plate Bevelers – CM-12



30 Degree Block



Cutter



SPECIFICATIONS – CM-12		
Max. Bevel Width	.472"	12 mm
Bevel Angle	30° to 50° With optional plates, (30° and 45° are included)	
Material Thickness	.118" to 1.37"	3 mm to 35 mm
Min. Material Dim.	2.36" x 2.36"	60 mm x 60 mm
Cutting Speed	5.8 F/min.	1.8 m /min.
Motor	5 hp	
Shipping Dimensions (L x W x H)	27" x 19" x 40"	690 x 470 x 1000 mm
Shipping Weight	75 lbs.	34 kgs.

*Specifications subject to change without notice.*

- ◆ Self feeding material system
- ◆ "Can opener" style
- ◆ Maximum bevel width  
15/32" (12 mm)
- ◆ Chamfer angles from 30° to 50°  
(30° and 45° included)
- ◆ Lightweight
- ◆ 220V 3-phase

# Plate Bevelers – CM-15DS

SPECIFICATIONS – CM-15DS		
Max. Bevel Width	.59"	15 mm
Bevel Angle	15° to 50° Variable	
Material Thickness	.236" to 1.57"	6 mm to 40 mm
Blade Speed	2800 rpm	
Cutting Speed	11.4 F/min.	3.5 m /min.
Motor	2 hp	
Shipping Dimensions (L x W x H)	27" x 19" x 40"	690 x 470 x 1000 mm
Shipping Weight	261 lbs.	119 kgs.

Specifications subject to change without notice.

- ◆ Maximum width of bevel 15 mm
- ◆ Self feeding material system
- ◆ "Can opener" style plate beveler
- ◆ Unique stand that can manipulate machine easily to compensate for uneven floors or deformed metal
- ◆ Stand allows machine to be rotated 180°
- ◆ Automatic feeding
- ◆ 15–50° variable angle
- ◆ Material thickness 6–40 mm
- ◆ Portable
- ◆ 220V 3-phase



OPTIONAL TOOLING	
SKU	Description
Replacement Blades	
1008493	Premium TiN Coated Cutter for CM15DS
1011098	Non-coated cutter for CM-15DS

# Plate Bevelers – CM-50DS

OPTIONAL TOOLING	
SKU	Description
1008490	Package of 10 Milling head inserts for CM-50DS
1008494	Milling head for CM-50DS, Includes Screws (Does Not Include Inserts)
1008492	Milling head Insert Screws for CM-50DS, 10 Per package



- ◆ Maximum width of bevel 62 mm/15°, 50 mm/45°
- ◆ Great for steel, stainless and aluminum
- ◆ Double sided
- ◆ Unique stand that can manipulate machine easily to compensate for uneven floors or deformed metal
- ◆ Stand allows machine to be rotated 180°
- ◆ Automatic feeding
- ◆ 15–60° variable angle
- ◆ Material thickness 7–40 mm
- ◆ Includes support table for small material
- ◆ Portable
- ◆ 220V 3-phase

SPECIFICATIONS – CM-50DS		
Max. Bevel Width (15°)	2.44"	62 mm
Max. Bevel Width (45°)	2"	50 mm
Bevel Angle	15° to 60° Variable	
Material Thickness	.275" to 2.75"	7 mm to 70 mm
Min. Material Dim.	7.8" x 3.93" x 2.75"	200 x 100 x 7 mm
Max. Material Thickness	3"	76 mm
Cutting Speed	0–3.9 F/min.	0–1.2 m /min.
Cutting Motor	5.25 hp	
Feeding Motor	1/8 hp	
Milling Head	3.34" with 5 Inserts	85 mm with 5 Inserts
Shipping Dimensions (L x W x H)	33" x 49" x 62"	825 x 1225 x 1550 mm
Shipping Weight	640 lbs.	291 kgs.

*Specifications subject to change without notice.*



# Welders – BW-200S

## SPECIFICATIONS – BW-200S

Cooling System	Fan Cooled
Maximum Current	200 Amps
Power	Dual Voltage - 120V/230V Single Phase
Rated Input Current	20A (120V) / 40A (230V)
Rated Input Capacitance	4.4KVA (120V) / 9.2KVA (230V)
No-Load Voltage	78V (120V) / 78V (230V)
Rated Working Voltage	23V (120V) / 28V (230V)
Welding Current	15~75A (120V) / 12~200A (230V)
Rated Duty Cycle	100% (120V) / 15% (230V)
100% Rated Duty Cycle	77A (120V) / 77A (230V)
Efficiency	85%
Power Factor	0.75
Insulation Class	H
Enclosure Protection	IP21S
Certification	CSA UL
Shipping Dimensions	18" x 10" x 14"
Shipping Weight	37.5 lbs.

Specifications subject to change without notice.

Special Notes: Includes electrode holder, ground clamp, 6-50P 250V plug, and adaptor to 120V plug.

- ◆ Portable IGBT inverter stick welder
- ◆ Dual voltage can run on 120 volt or 230 volt single-phase power
- ◆ Intelligent voltage sensing – this welder knows what voltage it is plugged into and (when plugged into 120V) will limit the output of the welder
- ◆ Step-less current adjustment – adjustments are infinite and do not “click” between only a few options
- ◆ Thermal overload protected, will shut down welding if its temperature is too high
- ◆ Fan cooled
- ◆ Anti-Stick / Hot Start - automatically increases output at the beginning of a weld to pre-heat the weld and electrode
- ◆ Arc force, keeps arc more stable, with less sticking, when the electrode is close
- ◆ Lift ARC TIG capable – torch not included
- ◆ High open circuit voltage
- ◆ Generator safe and will tolerate large voltage variations
- ◆ Includes electrode holder, ground clamp, 6-50P 250V plug, and adaptor to 120V plug



# Welders – BW-160M

- ◆ IGBT Inverter MIG welder
- ◆ Dual voltage can run on 120 volt or 230 volt single-phase power
- ◆ Step-less amp/volt adjustment
- ◆ Thermal overload protected
- ◆ Fan cooled
- ◆ Generator safe
- ◆ Gas/gasless capable
- ◆ Includes MIG torch, ground clamp, 6-50P 250V plug, adaptor to 120V plug, and gas hose with regulator



SPECIFICATIONS – BW-160M	
Cooling System	Fan Cooled
Maximum Current	160 Amps
Power	Dual Voltage – 120V/230V Single Phase
Rated Input Current	20A (120V) / 28A (230V)
Rated Input Capacitance	46.9KVA (120V) / 8.3KVA (230V)
No-Load Voltage	54V (120V) / 54V (230V)
Rated Working Voltage	18.5V (120V) / 22V (230)
Welding Current	30~90A (120V) / 30~160A (230V) MIG
Rated Duty Cycle	40% (120V) / 20% (230V)
100% Rated Duty Cycle	57A (120V)/ 72A 230V)
Efficiency	85%
Power Factor	0.75
Insulation Class	H
Enclosure Protection	IP21S
Certification	CSA UL
Shipping Dimensions (L x W x H)	26" x 13" x 18"
Shipping Weight	22 lbs.

*Specifications subject to change without notice.*

# Welders – BW-200T

## SPECIFICATIONS – BW-200T

Cooling System	Fan Cooled
Maximum Current	200 Amps
Power	Dual Voltage - 120V/230V Single Phase
Rated Input Current	20A (120V) / 31A (230V)
Rated Input Capacitance	2.4KVA (120V) / 7.1KVA (230V)
No-Load Voltage	65V (120V) / 65V (230V)
Rated Working Voltage	22.6 (120V) / 26.4 (230V)
Efficiency	80%
Power Factor	0.8
Insulation Class	F
Enclosure Protection	IP21S
MMA Rated Current	20A~65A (120V) / 20A~160A (230V)
TIG Arc Way	HF (120V) / HF (230V)
Rated Current (DC TIG)	10A~95A (120V) / 10A~200A (230V)
Peak Current (DC Pulse TIG)	10A~95A (120V) / 10A~200A (230V)
Base Current (DC Pulse TIG)	50% Peak Current (120V) / 50% Peak Current (230V)
Duty Cycle (DC Pulse TIG)	40% (120V) / 35% (230V)
Pulse Frequency (DC TIG)	0.2Hz~200Hz (120V) / 0.2Hz~200Hz (230V)
Rated Current (AC TIG)	20A~95A (120V) / 20A~200A (230V)
Frequency (AC TIG)	50Hz~150Hz (120V) / 50Hz~150Hz (230V)
Balance (AC TIG)	50%~85% (120V) / 50%~85% (230V)
Peak Current (AC Pulse TIG)	20A~95A (120V) / 20A~200A (230V)
Base Current (AC Pulse TIG)	50% Peak Current (120V) / 50% Peak Current (230V)
Frequency (AC Pulse TIG)	50Hz~150Hz (120V) / 50Hz~150Hz (230V)
Balance (AC Pulse TIG)	50%~85% (120V) / 50%~85% (230V)
Pulse Frequency (AC Pulse TIG)	0.2Hz~20Hz (120V) / 0.2Hz~20Hz (230V)
Duty Cycle (AC Pulse TIG)	40% (120V) / 35% (230V)
Certification	CSA UL
Shipping Dimensions	20" x 10" x 17"
Shipping Weight	43 lbs.

Specifications subject to change without notice.

- ◆ IGBT inverter
- ◆ Dual voltage can run on 120 volt or 230 volt single-phase power
- ◆ AC/DC
- ◆ Remote adjustment
- ◆ Pulse ratio and frequency
- ◆ Peak / base current
- ◆ Variable AC frequency / balance
- ◆ Thermal overload protected
- ◆ Fan cooled (on demand)
- ◆ Tig / Stick / Lift Arc
- ◆ 2 /4 step
- ◆ Pre / Post gas flow
- ◆ Up / down slope
- ◆ Variable arc force
- ◆ Generator safe
- ◆ Includes TIG torch, ground clamp, 6-50P 250V plug, adaptor to 120V plug, gas hose with regulator, and foot pedal



# Welders – BW-200MP

- ◆ IGBT inverter technology requires 25% less input power and delivers consistent power output
- ◆ Dual voltage can run on 120 volt or 230 volt single-phase power
- ◆ LCD control screen provides quick and easy setup with save for future setup mode
- ◆ Preforms MIG and flux core welding 40–140 amps (120V) and 40–200 amps (230V); TIG welding up to 180 amps; stick welding up to 180 amps
- ◆ Built-in, adjustable spot timer adds versatility
- ◆ Synergic wire diameter and material thickness settings makes for easy work
- ◆ Infinite wire feed speed control allows user to adjust the voltage and current accurately
- ◆ ARC force (MMA)
- ◆ Hot start (MMA)
- ◆ 2T/4T (trigger lock off/ trigger lock on)
- ◆ Generator safe
- ◆ Includes 10ft. spool gun, electrode holder, TIG torch, MIG torch, ground clamp, gas regulator w/hoses, 6-50P 250V plug, and adaptor to 120V plug



SPECIFICATIONS – BW-200MP	
Cooling System	Fan Cooled
Maximum Current	200 Amps
Power	Dual Voltage - 120V/230V Single Phase
Rated Input Current	20A (120V) / 36A (230V)
Rated Input Capacitance	3.5KVA (120V) / 8.6KVA (230V)
No-Load Voltage	69V (120V) / 69V (230V)
Rated Working Voltage	18.5V (120V) / 24V (230V)
MMA Welding Current	10A~70A (120V) / 10A~180A (230V)
LIFT Welding Current	10A~70A (120V) / 10A~180A (230V)
MIG Welding Current	40A~90A (120V) / 40A~120A (230V)
Rated Duty Cycle	40% (120V) / 20% (230V)
100% Rated Duty Cycle	57A (120V) / 89A (230V) - 10 Minutes
Efficiency	85%
Power Factor	0.75
Insulation Class	F
Enclosure Protection	IP21S
Certification	CSA UL
Shipping Dimensions	26" x 13" x 18"
Shipping Weight	38 lbs.

Specifications subject to change without notice.

# Welding Positioners – WP-1800B

SPECIFICATIONS – WP-1800B	
Speed	0 – 6 rpm (Variable)
Thru Hole (Material OD)	2.25" 57.15 mm
Chuck Capacity	1/4" OD – 12" ID 6.35 OD – 305 ID mm
Chuck Size Three Jaw	8" 203 mm
Maximum Current	300 Amps
Weight Capacity–Vertical	250 lbs. (113 kgs.)
Weight Capacity–Horizontal	125 lbs. (57 kgs.) 6" from Chuck
Weight Capacity–Angled	100 lbs. (45 kgs.) 6" from Chuck
Drive	Automatic / Manual
Power	110V, 60hz, 15A
Motor	220V, 1/8 Hp (90W)
Shipping Dimensions (L x W x H)	48" x 31" x 31" 1220 mm x 787 mm x 787 mm
Shipping Weight	150 lbs. 68 kgs.

*Specifications subject to change without notice.*

- ◆ Bench top design
- ◆ Variable speed
- ◆ Automatic and manual modes
- ◆ Foot pedal controlled
- ◆ 1/4" OD to 12" ID capacity
- ◆ 0 to 90° tilt
- ◆ 300 Amp maximum
- ◆ 2-1/4" thru-hole
- ◆ 110 volt



# Welding Positioners – WP-1800F



## SPECIFICATIONS – WP-1800F

Speed	0 – 6 rpm (Variable)	
Thru Hole (Material OD)	2.25"	57.15 mm
Chuck Capacity	1/4" OD – 12" ID	6.35 OD – 305 ID mm
Chuck Size Three Jaw	8"	203 mm
Maximum Current	300 Amps	
Weight Capacity–Vertical	250 lbs. (113 kgs.)	
Weight Capacity–Horizontal	200 lbs. (91 kgs.) 6" from Chuck	
Weight Capacity–Angled	150 lbs. (68 kgs.) 6" from Chuck	
Drive	Automatic / Manual	
Power	110V, 60hz, 15A	
Motor	220V, 1/8 Hp (90W)	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 mm x 1118 mm x 1727 mm
Shipping Weight	400 lbs.	181 kgs.

*Specifications subject to change without notice.*

- ◆ Variable speed
- ◆ Automatic and manual modes
- ◆ Foot pedal controlled
- ◆ 1/4" OD to 12" ID capacity
- ◆ 300 Amp maximum
- ◆ 2-1/4" thru-hole
- ◆ Integrated rolling cabinet
- ◆ 110 volt

# Turning Roll Positioners – RWP-55

SPECIFICATIONS – RWP-55		
Maximum Load Capacity	9,900 lbs.	4500 kgs.
Minimum Diameter	9.8"	250 mm
Maximum Diameter	90"	2300 mm
Rotation Speed	3.93–39.36 ipm	100–1000 mmpm
Total Rollers	4	
Drive Rollers	2	
Rubber Roller Diameter	9.8"	250 mm
Rubber Roller Width	3.93"	100 mm
Steel Roller Diameter	9.44"	240 mm
Steel Roller Width	.78"	20 mm
Speed Control	AC Inverter	
Number of Motors	2	
Motor KW	0.37	
Shipping Dimensions (L x W x H)	69" x 30" x 44"	1750 mm x 750 mm x 1100 mm
Total Weight of Unit	1,320 lbs.	600 kgs.

Specifications subject to change without notice.

- ◆ 5.5 ton capacity
- ◆ Perfect for welding, polishing, glue-lining, and assembling
- ◆ Wireless controller
- ◆ Dual drive wheels
- ◆ Dual idler wheels
- ◆ AC inverter driven
- ◆ Self-aligning
- ◆ Conventional style with rubber drive wheels
- ◆ 220V 3-phase



# Turning Roll Positioners – RWP-110

- ◆ 11 ton capacity
- ◆ Perfect for welding, polishing, glue-lining, and assembling
- ◆ Wireless controller
- ◆ Dual drive wheels
- ◆ Dual idler wheels
- ◆ AC inverter driven
- ◆ Self-aligning
- ◆ Conventional style with rubber drive wheels
- ◆ 220V 3-phase



SPECIFICATIONS – RWP-110		
Maximum Load Capacity	19,800 lbs.	9,000 kgs.
Minimum Diameter	12.5"	320 mm
Maximum Diameter	110"	2800 mm
Rotation Speed	3.93–39.36 ipm	100–1000 mmpm
Total Rollers	4	
Drive Rollers	2	
Rubber Roller Diameter	11.8"	300 mm
Rubber Roller Width	4.72"	120 mm
Steel Roller Diameter	11.4"	290 mm
Steel Roller Width	1"	25 mm
Speed Control	AC Inverter	
Number of Motors	2	
Motor KW	0.55	
Shipping Dimensions (L x W x H)	77" x 32" x 78"	1950 mm x 800 mm x 1200 mm
Total Weight of Unit	1,606 lbs.	730 kgs.

*Specifications subject to change without notice.*



# Turning Roll Positioners – RWP-220

## SPECIFICATIONS – RWP-220

Maximum Load Capacity	39,600 lbs.	18000 kgs.
Minimum Diameter	19.6"	500 mm
Maximum Diameter	137.7"	3500 mm
Rotation Speed	3.93–39.36 ipm	100–1000 mmpm
Total Rollers	4	
Drive Rollers	2	
Rubber Roller Diameter	13.7"	350 mm
Rubber Roller Width	4.7"	120 mm
Steel Roller Diameter	13.3"	340 mm
Steel Roller Width	1.18"	30 mm
Speed Control	AC Inverter	
Number of Motors	2	
Motor KW	1.1	
Shipping Dimensions (L x W x H)	103" x 33" x 58"	2600 mm x 830 mm x 1450 mm
Total Weight of Unit	3,300 lbs.	1500 kgs.

Specifications subject to change without notice.

- ◆ 22 ton capacity
- ◆ Perfect for welding, polishing, glue-lining, and assembling
- ◆ Dual drive wheel
- ◆ Dual idler wheels
- ◆ Wireless controller
- ◆ AC inverter driven
- ◆ Self-aligning
- ◆ Conventional style with rubber drive wheels
- ◆ 220V 3-phase



# Turning Roll Positioners RWP-440

- ◆ 44 ton capacity
- ◆ Perfect for welding, polishing, glue-lining, and assembling
- ◆ Dual drive wheel
- ◆ Dual idler wheels
- ◆ Wireless controller
- ◆ AC inverter driven
- ◆ Self-aligning
- ◆ Conventional style with rubber drive wheels
- ◆ 220V 3-phase

SPECIFICATIONS – RWP-440		
Maximum Load Capacity	79,200 lbs.	36,000 kgs.
Minimum Diameter	23.6"	600 mm
Maximum Diameter	165.3"	4200 mm
Rotation Speed	3.93–39.36 ipm	100–1000 mmpm
Total Rollers	4	
Drive Rollers	2	
Rubber Roller Diameter	15.7"	400 mm
Rubber Roller Width	4.7"	120 mm
Steel Roller Diameter	15.3"	390 mm
Steel Roller Width	1.57"	40 mm
Speed Control	AC Inverter	
Number of Motors	2	
Motor KW	1.5	
Shipping Dimensions (L x W x H)	122" x 41" x 63"	3100 mm x 1030 mm x 1600 mm
Total Weight of Unit	5,500 lbs.	2,500 kgs.

*Specifications subject to change without notice.*



# Welding Positioners – WP-450 / WP-750

SPECIFICATIONS – WP-450		
Vertical Capacity	484 lbs.	220 kgs.
Horizontal Capacity	242 lbs	110 kgs.
Range of Movement	0 to 135 Degrees	
Speed	0.4 to 4 rpm	
Turntable Size	13"	330 mm
Drive	Foot Pedal	
Power Requirements	110V	
Shipping Dimensions (L x W x H)	24" x 24" x 24"	610 mm x 610 mm x 610 mm
Shipping Weight	140 lbs.	64 kgs.

Specifications subject to change without notice.

- ◆ Table capacity 484 lbs
- ◆ 110V
- ◆ Foot pedal operated
- ◆ Easy to use manual tilt
- ◆ 135° of tilt
- ◆ 13" turn table
- ◆ Protected for up to 500 amps. (intermittent)



- ◆ Table capacity 770 lbs
- ◆ Variable speed
- ◆ 110V
- ◆ Foot pedal operated
- ◆ Easy to use manual tilt
- ◆ 135° of tilt
- ◆ 13" turn table
- ◆ Protected for up to 500 amps.

SPECIFICATIONS – WP-750		
Vertical Capacity	770 lbs.	350 kgs.
Horizontal Capacity	385 lbs	175 kgs.
Range of Movement	0 to 135 Degrees	
Speed	0.3 to 4 rpm	
Turntable Size	13"	330 mm
Drive	Foot Pedal	
Power Requirements	110V	
Shipping Dimensions (L x W x H)	36" x 36" x 24"	915 mm x 915 mm x 610 mm
Shipping Weight	170 lbs.	77 kgs.

Specifications subject to change without notice.



# Welding Positioners – WP-1100

- ◆ Table capacity 1,100 lbs
- ◆ Variable speed
- ◆ 110V
- ◆ Foot pedal operated
- ◆ Easy to use manual tilt
- ◆ 135° of tilt
- ◆ 19.5" turn table
- ◆ Protected for up to 500 amps. (intermittent)

SPECIFICATIONS – WP-1100		
Vertical Capacity	1,100 lbs.	500 kgs.
Horizontal Capacity	550 lbs	250 kgs.
Range of Movement	0 to 135 Degrees	
Speed	0.2 to 2 rpm (Variable)	
Turntable Size	19"	500 mm
Drive	Foot Pedal	
Power Requirements	110V	
Shipping Dimensions (L x W x H)	48" x 48" x 36"	1220 mm x 1220 mm x 915 mm
Shipping Weight	370 lbs.	168 kgs.

*Specifications subject to change without notice.*



# Welding Positioners – WP-1650

SPECIFICATIONS – WP-1650		
Vertical Capacity	825 lbs.	375 kgs.
Horizontal Capacity	1,650 lbs	375 kgs.
Range of Movement	0 to 135 Degrees	
Speed	0.1 to 1 rpm (Variable)	
Turntable Size	23.5"	600 mm
Drive	Foot Pedal	
Power Requirements	220V Single Phase	

*Specifications subject to change without notice.*

- ◆ Table capacity 1,650 lbs
- ◆ Variable speed
- ◆ 220V single phase
- ◆ Foot pedal operated
- ◆ Easy to use manual tilt
- ◆ 135° of tilt
- ◆ 23.5" turntable
- ◆ Protected up to 500 amps



# Welding Positioners – WP-2200



SPECIFICATIONS – WP-2200		
Vertical Capacity	1,100 lbs.	500 kgs.
Horizontal Capacity	2,200 lbs	1000 kgs.
Range of Movement	0 to 135 Degrees (Automatic)	
Speed	0.05 to .5 rpm (Variable)	
Turntable Size	27.5"	700 mm
Drive	Foot Pedal	
Power Requirements	220V 3 phase	

*Specifications subject to change without notice.*

- ◆ Table capacity 2,200 lbs
- ◆ Variable speed
- ◆ 220V 3 phase
- ◆ Foot pedal operated
- ◆ Easy to use automatic tilt
- ◆ 135° of tilt
- ◆ 27.5" turntable
- ◆ Protected up to 500 amps

# Welding Positioners – WP-4400

SPECIFICATIONS – WP-4400		
Vertical Capacity	2,200 lbs.	1000 kgs.
Horizontal Capacity	4,400 lbs	2000 kgs.
Range of Movement	0 to 135 Degrees (Automatic)	
Speed	0.03 to .3 rpm (Variable)	
Turntable Size	35.4"	900 mm
Drive	Foot Pedal	
Power Requirements	220V 3 phase	

*Specifications subject to change without notice.*

- ◆ Table capacity 4,400 lbs
- ◆ Variable speed
- ◆ 220V 3 phase
- ◆ Foot pedal operated
- ◆ Easy to use automatic tilt
- ◆ 135° of tilt
- ◆ 35.4" turntable
- ◆ Protected up to 500 amps



# Welding Positioners – WP-11000



SPECIFICATIONS – WP-11000		
Vertical Capacity	5,500 lbs.	2500 kgs.
Horizontal Capacity	11,000 lbs	2000 kgs.
Range of Movement	0 to 135 Degrees (Automatic)	
Speed	0.02 to .2 rpm (Variable)	
Turntable Size	51	1300 mm
Drive	Handheld	
Power Requirements	220V 3 phase	

*Specifications subject to change without notice.*

- ◆ Table capacity 11,000 lbs
- ◆ Variable speed
- ◆ 220V 3 phase
- ◆ Easy to use automatic tilt
- ◆ 135° of tilt
- ◆ 51" turntable
- ◆ Protected up to 500 amps

# Welding Jig Tables – WJT-3939

## SPECIFICATIONS – WJT-3939

Working Table Size	39" x 39"	100 mm x 100 mm
Table Load Capacity	2 tons	
Table Height	33.5"	850 mm
Table Flatness	+/- .0025"	
Number of Mounting Surfaces	1	
Mounting Hole Size	1.10"	28 mm
Mounting Hole Spacing	3.39"	100 mm
Shipping Weight	640 lbs.	290 kgs.

Specifications subject to change without notice.

- ◆ 39" x 39" table
- ◆ Made from Q345 steel
- ◆ Brinell hardness 140-160
- ◆ Single mounting surface
- ◆ 2 ton weight capacity
- ◆ Industry standard 28mm mounting holes
- ◆ 100mm hole spacing
- ◆ Etched position marks



# Welding Jig Tables – WJT-4747-HD



SPECIFICATIONS – WJT-4747-HD		
Working Table Size	47" x 47"	1200 mm x 1200 mm
Table Load Capacity	2 tons	
Table Height	33.5"	850 mm
Table Flatness	+/.0025"	
Number of Mounting Surfaces	5	
Mounting Hole Size	1.10"	28 mm
Mounting Hole Spacing	3.93"	100 mm
Shipping Weight	1,320 lbs.	600 kgs.

*Specifications subject to change without notice.*

- ◆ 47" x 47" table
- ◆ Made from Q345 steel
- ◆ Brinell hardness 140-160
- ◆ 5 mounting surfaces
- ◆ 2 ton weight capacity
- ◆ Industry standard 28mm mounting holes
- ◆ 100mm hole spacing
- ◆ Etched position marks



# Welding Jig Tables – WJT-7839-HD

SPECIFICATIONS – WJT-7839-HD		
Working Table Size	78" x 39"	2000 mm x 1000 mm
Table Load Capacity	2 tons	
Table Height	33.5"	850 mm
Table Flatness	+/- .0025"	
Number of Mounting Surfaces	5	
Mounting Hole Size	1.10"	28 mm
Mounting Hole Spacing	3.93"	100 mm
Shipping Weight	1,430 lbs.	650 kgs.

Specifications subject to change without notice.



- ◆ 78" x 39" table
- ◆ Made from Q345 steel
- ◆ Brinell hardness 140-160
- ◆ 5 mounting surface
- ◆ Expandable
- ◆ 2 ton weight capacity
- ◆ Industry standard 28mm mounting holes
- ◆ 100mm hole spacing
- ◆ Etched position marks



# Accessory Kit – WJT-AK43

The WJT-AK43 43 piece welding jig table accessory kit is the perfect starter set for the Baileigh Industrial line of welding tables. Shown is a list of the included tooling. For further information call us at 920-482-3230

- |                                  |   |  |   |   |   |
|----------------------------------|---|--|---|---|---|
| 1. Locating Angle Square (D28)   | 4 | 6. Flat Head Quick Locking Pin (D28)     | 4 | 11. Toggle Clamp with Square Base (D28) | 2 |
| 2. Locating Angle Square (D28)   | 4 | 7. Fixed Clamping Piece (D28)            | 2 | 12. Hexagonal Wrenches—not shown        |   |
| 3. Locating Leveling Ruler (D28) | 2 | 8. Adjustable Clamping Piece (D28)       | 2 | 13. Nylon Brushes                       | 3 |
| 4. V-Shape Locating Piece (D28)  | 2 | 9. 45 Degree Inclined Handle (D28)       | 2 | 14. Oil Stone—not shown                 |   |
| 5. Wrench Locking Pin (D28)      | 6 | 10. Clamping Piece with Round Base (D28) | 2 | 15. Oil Pot                             |   |



# Fume Extractors – FE-850

SPECIFICATIONS – FE-850		
CFM	850	
Filter System	4 Stage	
Stage 1 Filter	Stainless Mesh	
Stage 1 Filter Size	21.8" x 11.6"	554 x 295 mm
Stage 2 Filter	Aluminum Mesh	
Stage 2 Filter Size	21.25" x 17.25" x 7/8"	540 x 440 x 22 mm
Stage 3 Filter	Pre-Pleated Filter	
Stage 3 Filter Size	23.3" x 23.3" x 1.5"	595 x 595 x 45 mm
Stage 4 Filter	HEPA	
Stage 4 Filter Size	24" x 24" x 11.5"	593 x 593 x 300 mm
Fume Arm	6" x 10'	152 x 3050 mm
Motor	1.5 hp	
Power Requirements	110V	
Shipping Dimensions (L x W x H)	47" x 29.4" x 33.5"	1203 x 746 x 850.2 mm
Shipping Weight	590 lbs.	268 kgs.

Specifications subject to change without notice.

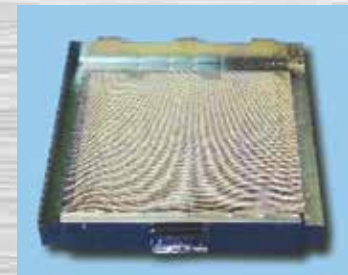
- ◆ Heavy duty welding fume extractor
- ◆ 6" x 10' extractor arm
- ◆ 1.5 hp
- ◆ 850 CFM
- ◆ 4 stage filter
  1. Stainless steel mesh
  2. Aluminum mesh
  3. Pre-pleated filter
  4. HEPA filter
- ◆ Portable
- ◆ Full steel construction
- ◆ CSA – U.S. certified
- ◆ Tool-less filter maintenance
- ◆ 110V



HEPA Filter



Aluminum Filter



Stainless Filter



Pre-pleated Filter

# Fume Extractors – FE-1200



Aluminum Filter



HEPA Filter



Chip Tray



SPECIFICATIONS – FE-1200		
CFM	1110	
Filter System	3 Stage	
Stage 1 Filter	Aluminum Mesh	
Stage 1 Filter Size	21.2" x 17.3" x 0.87"	540 x 440 x 22 mm
Stage 2 Filter	Polyester Teflon Coated Cartridge with Pulse Clean	
Stage 2 Filter Size	Ø11.2" x 13" L	Ø385 x 330 mm L
Stage 3 Filter	HEPA	
Stage 3 Filter Size	18" x 20" x 5.9"	457 x 508 x 150 mm
Required Air Supply	60 – 90psi (For Pulse Clean Feature)	
Motor	1.5 hp	
Power Requirements	110V	
Shipping Dimensions (L x W x H)	88.3" x 53.2" x 73.6"	2241.5 x 1350.9 x 1870.9 mm
Shipping Weight	1,742 lbs.	790 kgs.

*Specifications subject to change without notice.*

- ◆ Heavy duty welding fume extractor
- ◆ 8" x 10' extractor arm
- ◆ 1.5 hp
- ◆ 1110 CFM
- ◆ 3 stage filter
  1. Fire resistant aluminum filter
  2. Pulse clean canister filter system (air supply required)
  3. HEPA filter
- ◆ Portable
- ◆ Full steel construction
- ◆ CSA – U.S. certified
- ◆ Tool-less filter maintenance
- ◆ 110V

# Magnetic Drills – MD-3510 / MD-5015

## SPECIFICATIONS – MD-3510

Maximum Stroke	5.9"	150mm
Annular Cutter Capacity	1.37"	35mm
Cutter Depth	1.96"	50mm
Twist Drill Capacity	1/16" to 1"	1.5mm – 25.4mm
Spindle Holder	3/4"	19mm
No Load RPM	700	
Magnetic Adhesion	10000N	
Power Requirements	110V 60hz	
Shipping Weight	40 lbs.	18 kgs

Specifications subject to change without notice.

- ◆ 1-3/8" maximum cutter capacity
- ◆ 2" maximum cutter depth
- ◆ Gravity coolant system
- ◆ 700 RPM
- ◆ 3/4" spindle
- ◆ 5.9" stroke
- ◆ 110V

- ◆ 2" maximum cutter capacity
- ◆ 3" maximum cutter depth
- ◆ Gravity coolant system
- ◆ Two speed with reverse
- ◆ 3/4" spindle
- ◆ 6.69" stroke
- ◆ 110V

## SPECIFICATIONS – MD-5015

Maximum Stroke	6.69"	170 mm
Annular Cutter Capacity	1/2" – 2"	12 mm – 50 mm
Cutter Depth	3"	75 mm
Twist Drill Capacity	3/32" – 5/8"	2.5 mm – 16 mm
Spindle Holder	MT3	
No Load RPM (low/high)	250/450	
Magnetic Adhesion	15000N	
Power Requirements	110V 60hz	
Shipping Weight	75 lbs.	34 kgs.

Specifications subject to change without notice.



MD-3510



MD-5015

OPTIONAL TOOLING	
SKU	Description
1000330	9/16" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank
1000331	11/16" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank
1000332	13/16" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank
1000333	15/16" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank
1000334	1" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank
1000335	1-1/16" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank
1000336	2" OD TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank
1000337	Complete Set of 6 TiN Coated Annular Cutter, 2" Cutting Depth, 3/4" Shank.

# Belt Driven Drill Presses – DP-3814B



SPECIFICATIONS – DP-3814B		
Drilling Capacity	5/8"	16mm
Chuck Size	B16 .03" – .625"	B16 1-16mm
Column Diameter	2-3/4"	70mm
Spindle Taper	B16	
Spindle Travel	3-1/2"	88mm
Swing	14"	178mm
Max. Distance Spindle to Table	11-1/2"	290mm
Max. Distance Spindle to Base	19-5/8"	500mm
Number of Spindle Speeds	5	
Range of Spindle Speeds (RPM)	250–2900	
Table Size	9" x 10-1/4"	230 x 260mm
Base Size	18-3/4" x 12-1/2"	475 x 315mm
Table Tilt	L or R 45°	
Table Material	Cast Iron	
Head Stock Material	Cast Iron	
Machine Overall Dim.	26-1/4"x13"x38-1/4"	670 x 330 x 970mm
Motor HP	1/2 hp	
Power	110V, 60Hz	

*Specifications subject to change without notice.*

- ◆ Benchtop drill press
- ◆ 5/8" capacity
- ◆ 14" swing
- ◆ 5 speeds
- ◆ 110V

# Belt Driven Drill Presses – DP-4016B

## SPECIFICATIONS – DP-4016B

Drilling Capacity	1"	25 mm
Chuck Size	B16 .03" – .625"	B16 1–16 mm
Column Diameter	2-3/4"	70 mm
Spindle Taper	MT-2	
Spindle Travel	4"	100 mm
Swing	16"	203 mm
Max. Distance Spindle to Table	9-3/4"	250 mm
Max. Distance Spindle to Base	19-5/8"	500 mm
No. of Spindle Speeds	5	
Spindle Speeds	250–2900 rpm	
Table Size	9" x 10-1/4"	245 x 285 mm
Base Size	20-1/2" x 13-1/4"	520 x 335 mm
Table Tilt	L or R 45°	
Table Height Adjust.	Yes	
Table Material	Cast Iron	
Head Stock Material	Cast Iron	
Machine Overall Dimension	10-3/4"x16-1/4"x41"	720x410x1040 mm
Motor HP	1/2 hp	
Power	110V, 60 Hz	

Specifications subject to change without notice.

- ◆ Benchtop drill press
- ◆ 1" capacity
- ◆ 16" swing
- ◆ 5 speeds
- ◆ 110V



# Belt Driven Drill Presses – DP-4016B-VS



SPECIFICATIONS – DP-4016B-VS		
Drilling Capacity	1"	25 mm
Chuck Size	B16 .03" – .625"	B16 1–16 mm
Column Diameter	2-3/4"	70 mm
Spindle Taper	MT-2	
Spindle Travel	4"	100 mm
Swing	16"	203 mm
Max. Distance Spindle to Table	9-3/4"	250 mm
Max. Distance Spindle to Base	19-5/8"	500 mm
No. of Spindle Speeds	2 (High/Low)	
Spindle Speeds	250–2900 rpm	
Spindle Drive	Inverter	
Table Size	9" x 10-1/4"	245 x 285 mm
Base Size	20-1/2" x 13-1/4"	520 x 335 mm
Table Tilt	L or R 45°	
Table Height Adjust.	Yes	
Table Material	Cast Iron	
Head Stock Material	Cast Iron	
Machine Overall Dimension	10-3/4"x16-1/4"x41"	720x410x1040 mm
Motor HP	1/2 hp	
Power	110V, 60 Hz	

*Specifications subject to change without notice.*

- ◆ Benchtop drill press
- ◆ Inverter driven variable speed
- ◆ 1" capacity
- ◆ 16" swing
- ◆ 5 speeds
- ◆ 110V

# Belt Driven Drill Presses – DP-0625E / DP-1000E

## SPECIFICATIONS – DP-0625E

Drilling Capacity	.625"	16 mm
Chuck Size	B16 .03"-.625"	B16 1-16 mm
Column Diameter	2.87"	73 mm
Spindle Travel	3.14"	80 mm
Swing	14"	360 mm
Max. Distance Spindle to Table	35.43"	900 mm
Max. Distance Spindle to Base	47.63"	1210 mm
Spindle Taper	B16	
No. of Spindle Speeds	5	
Range of Spindle Speeds	250-2900 RPM	
Base Work Area	11" x 11"	280 x 280 mm
Base Size	20.5" x 13"	520 x 330 mm
Table/Base Material	Cast Iron	
Head Stock Material	Cast Iron	
Overall Height of Mach.	63.75"	1620 mm
Shipping Dimensions (L x W x H)	69" x 44" x 24"	1524x1117x2108 mm
Shipping Weight	275 lbs.	125 kgs.
Power	110V	

Specifications subject to change without notice.

- ◆ 5/8" capacity
- ◆ 14" swing
- ◆ 5 speeds
- ◆ Economical
- ◆ 110V



DP-0625E

DP-1000E

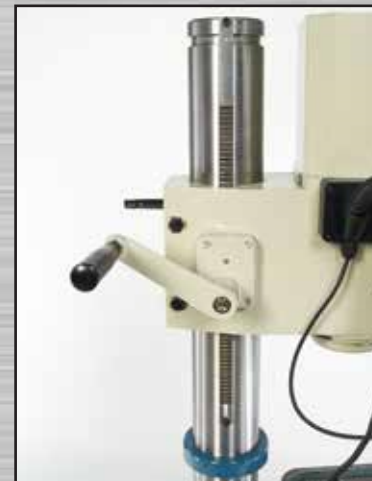
## SPECIFICATIONS – DP-1000E

Drilling Capacity	1"	25 mm
Chuck Size	B16 .03"-.625"	B16 1-16 mm
Column Diameter	3.14"	80 mm
Spindle Travel	3.93"	100 mm
Swing	16"	410 mm
Max. Distance Spindle to Table	33.5"	850 mm
Max. Distance Spindle to Base	43.5"	1160 mm
Spindle Taper	MT2	
No. of Spindle Speeds	5	
Range of Spindle Speeds	250-2900 RPM	
Base Work Area	12.6" x 12.6"	320 x 320 mm
Base Size	23.62" x 15.15"	600 x 385 mm
Table/Base Material	Cast Iron	
Head Stock Material	Cast Iron	
Overall Height of Mach.	64.17"	1630 mm
Shipping Dimensions (L x W x H)	69" x 44" x 24"	1753x1117x610 mm
Shipping Weight	335 lbs.	152 kgs.
Power	110V	

Specifications subject to change without notice.

- ◆ 1" capacity
- ◆ 16" swing
- ◆ 5 speeds
- ◆ MT2 taper
- ◆ 110V

# Gear Driven Drill Presses – DP-1000G



SPECIFICATIONS – DP-1000G		
Drill Capacity	1"	25 mm
Tapping Capacity	5/8"	16 mm
Spindle Speed	125, 420, 535, 1740 rpm	
Spindle Taper	MT 3	
Spindle Travel	5.3"	135 mm
Table Dimension (L x W)	19.75" x 13.75"	501 mm x 350 mm
Base Dimensions (L x W)	15.5" x 19.5"	393 mm x 495 mm
Motor	1.5 hp	
Power Requirements	110V	
Shipping Dimensions (L x W x H)	66" x 23" x 29"	1676 x 584 x 737 mm
Shipping Weight	484 lbs.	220 kgs.

*Specifications subject to change without notice.*

- ◆ 1" through mild steel
- ◆ Gear driven – 4-speed head
- ◆ Utilizes MT No.3 spindle taper
- ◆ 110V

# Gear Driven Drill Presses – DP-1500G

## SPECIFICATIONS – DP-1500G

Drill Capacity	1.5"	38 mm
Tapping Capacity	1.3"	33 mm
Spindle Speeds (Rpm)	108, 162, 240, 360, 528, 805, 1175, 1800	
Spindle Taper	MT 4	
Spindle Travel	7.48"	190 mm
Table Dimension (L x W)	20" x 16"	508 mm x 406 mm
Base Dimensions (L x W)	19.5" x 28"	495 mm x 711 mm
Motor	3.5 hp	
Power Requirements	220V / 3-phase	
Shipping Dimensions (L x W x H)	84" x 23" x 37"	2134 x 584 x 940 mm
Shipping Weight	682 lbs.	310 kgs.

*Specifications subject to change without notice.*

- ◆ 1-1/2" through mild steel
- ◆ Gear driven – 8-speed head
- ◆ Utilizes MT No.4 spindle taper
- ◆ Coolant system
- ◆ Includes power down feed
- ◆ Power down feed
- ◆ Reversible motor for tapping
- ◆ 4 down feed speeds
- ◆ 220V 3-phase



# Gear Driven Drill Presses – DP-1850G



## SPECIFICATIONS – DP-1850G

Max. Drill Capacity	1.57"	40 mm
Max. Tapping Capacity	7/8"	22.2 mm
Swing	26-3/4"	680 mm
Column Diameter	5.5"	140 mm
Distance Spindle to Table	4" to 24-3/8"	101.6 to 610 mm
Distance Spindle to Base	47"	1194 mm
Spindle Taper	MT-4	
Spindle Travel	7-3/4"	190 mm
Spindle Speeds	12	
Spindle Speed Range	90-2,425 RPM .	11, .23-.39 mm
Power Feed	.0047", .0094", .0157"	540 mm x 440 mm
Table Size	17-1/4" x 21-1/4"	415 mm x 400 mm
Base Size	33" x 25"	14.28 mm
T-Slot Width	9/16"	14.28 mm
Motor	2 hp	
Power	220V 3-phase	
Shipping Weight	1165 lbs.	528 kgs.
Shipping Dimensions	23" x 43" x 89"	1000 x 650 x 2220mm

*Specifications subject to change without notice.*

- ◆ 1-7/16" capacity
- ◆ 26.75" swing
- ◆ 12 speeds
- ◆ Integrated coolant system
- ◆ 220V 3 phase

# Variable Speed Drill Presses – DP-1000VS

## SPECIFICATIONS – DP-1000VS

Drill Capacity		
Steel	1"	25 mm
Cast Iron	1.25"	32 mm
Tapping Capacity		
Steel	5/8"	16 mm
Cast Iron	3/4"	19 mm
Spindle Speed	150 – 3000 rpm	
Spindle Taper	MT 3	
Spindle Travel	5.3"	135 mm
Spindle Nose to Table	23.8"	605 mm
Spindle Nose to Base	45.3"	1150 mm
Quill Diameter	2.44"	62 mm
Column Diameter	3.62"	92 mm
Table Dimension (L x W)	18.1" x 14.2"	460 mm x 360 mm
Table Slot	.625"	16 mm
Base Dimensions (L x W)	27" x 19"	685 mm x 485 mm
Motor		
Main	2 hp	
Coolant	1/8 hp	
Power Requirements	220V / 1-phase	
Shipping Dimensions (L x W x H)	32" x 24" x 79"	813 x 610 x 2007 mm
Shipping Weight	579 lbs.	263 kgs.

*Specifications subject to change without notice.*

- ◆ 1" through mild steel
- ◆ Variable-speed inverter-driven head
- ◆ Utilizes MT No.3 spindle taper
- ◆ Digital RPM readout
- ◆ Integrated coolant system
- ◆ Auto reverse for tapping
- ◆ Includes drill chuck
- ◆ 220V 1-phase



# Variable Speed Drill Presses – DP-1200VS



- ◆ 22" swing
- ◆ Inverter-driven drill press.
- ◆ 1-1/6" mild steel drilling capacity.
- ◆ MT3 spindle taper
- ◆ 220V single phase



SPECIFICATIONS – DP-1200VS		
Max. Drill Capacity	1.0625"	27 mm
Max. Tapping Capacity	0.5"	13 mm
Depth (Spindle center to Column edge)	11"	279.4 mm
Swing	22"	559 mm
Minimum Distance from Spindle to Table	1.25"	32 mm
Maximum Distance from Spindle to Table	23.5"	597 mm
Maximum Distance from Spindle to Base	44.5"	1130 mm
Quill Diameter	3"	76.2 mm
Spindle Taper	MT3	
Chuck Size	0 – .51" JT6	0 – 13 mm
Spindle Travel	6"	152 mm
Spindle Speeds	10 - 2250 RPM	
Table Travel	22.25"	565 mm
Table Rotation	360°	
Table Size	16.75" x 19"	425 x 482 mm
Table Working Surface	13" x 15"	330 x 381 mm
Base Size	16.5" x 25.75"	420 x 654 mm
Base Working Surface	12.75" x 15"	324 x 381 mm
T-Slot Width 2@	0.625"	15.875 mm
Column Diameter	4"	102 mm
Machine Dimensions (L x W x H)	34" x 36" x 72"	863 x 914 x 1830 mm
Base Footprint	26" x 16.75"	660 x 425 mm
Power Requirements	220V, 1Ph, 60hz	
Drill Motor	2hp (1.5kw) 220V, 1Ph, 60hz, 7A	
Coolant Pump	1/8hp (.1kw) 220V, 1Ph, 60hz, .25A	
Shipping Dimensions (L x W x H)	60" x 44" x 83"	1524x1118x2108mm
Shipping Weight	705lbs.	320kgs.

*Specifications subject to change without notice.*

# Variable Speed Drill Presses – DP-1250VS

## SPECIFICATIONS – DP-1250VS

Drill Capacity	1.5"	38 mm
Tapping Capacity	3/4"	19 mm
Spindle Speed		
High	245 – 2000 rpm	
Low	85 – 540 rpm	
Swing	20.8"	530 mm
Spindle Taper	MT 4	
Spindle Travel	5.9"	150 mm
Spindle Nose to Table	36.41"	925 mm
Spindle Nose to Base	48.22"	1225 mm
Quill Diameter	2.95"	75 mm
Column Diameter	4.52"	115 mm
Table Dimension (L x W)	22" x 18.5"	559 mm x 470 mm
Table Slot	.625"	16 mm
Base Dimensions (L x W)	27" x 19"	685 mm x 485 mm
Motor		
Main	2 hp	
Coolant	1/8 hp	
Power Requirements	220V / 1-phase	
Shipping Dimensions (L x W x H)	40" x 25" x 83"	1016 x 635 x 2108 mm
Shipping Weight	847 lbs.	385 kgs.

*Specifications subject to change without notice.*

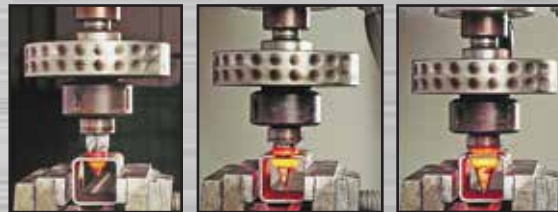
- ◆ 1-1/2" through mild steel
- ◆ Variable-speed inverter-driven head
- ◆ Utilizes MT No.4 spindle taper
- ◆ Digital RPM readout
- ◆ Integrated coolant system
- ◆ Includes drill chuck
- ◆ Auto reverse for tapping
- ◆ 220V 1-phase



# Variable Speed Drill Presses – DP-1250VS-HS



- ◆ High speed version of DP-1250VS
- ◆ Perfect for thermal friction drilling applications
- ◆ 1-1/2" capacity thru mild steel
- ◆ Variable-speed inverter-driven head
- ◆ Includes coolant system
- ◆ Work light
- ◆ Auto reverse for tapping
- ◆ 220V 1-phase



The DP-1250VS-HS turns up to 4,000 rpms and is perfect for thermal friction drilling.

SPECIFICATIONS – DP-1250VS-HS		
Drill Capacity	1.5"	38 mm
Tapping Capacity	3/4"	19 mm
Spindle Speed		
High	245 – 4000 rpm	
Low	85 – 540 rpm	
Swing	20.8"	530 mm
Spindle Taper	MT 4	
Spindle Travel	5.9"	150 mm
Spindle Nose to Table	36.41"	925 mm
Spindle Nose to Base	48.22"	1225 mm
Quill Diameter	2.95"	75 mm
Column Diameter	4.52"	115 mm
Table Dimension (L x W)	22" x 18.5"	559 mm x 470 mm
Table Slot	.625"	16 mm
Base Dimensions (L x W)	27" x 19"	685 mm x 485 mm
Motor		
Main	2 hp	
Coolant	1/8 hp	
Power Requirements	220V / 1-phase	
Shipping Dimensions (L x W x H)	40" x 25" x 83"	1016 x 635 x 2108 mm
Shipping Weight	847 lbs.	385 kgs.

Specifications subject to change without notice.

## OPTIONAL TOOLING

SKU	Description
1007982	1/8" Standard Thermal Friction Drill
1007983	1/8" Flat Top Thermal Friction Drill
1007984	1/8" Tap for Thermal Friction Drill, Made from HSS and Cobalt TiN Coated
1007985	1/4" Standard Thermal Friction Drill
1007986	1/4" Flat Top Thermal Friction Drill
1007987	1/4" Tap for Thermal Friction Drill, Made from HSS and Cobalt TiN Coated
1007988	5/16" Standard Thermal Friction Drill
1007989	5/16" Flat Top Thermal Friction Drill
1007990	5/16" Tap for Thermal Friction Drill, Made from HSS and Cobalt TiN Coated
1007991	3/8" Standard Thermal Friction Drill
1007992	3/8" Flat Top Thermal Friction Drill
1007993	3/8" Tap for Thermal Friction Drill, Made from HSS and Cobalt TiN Coated
1007994	1/2" Standard Thermal Friction Drill
1007995	1/2" Flat Top Thermal Friction Drill
1007996	1/2" Tap for Thermal Friction Drill, Made from HSS and Cobalt TiN Coated
1007997	MT3 Thermal Friction Drill Tooling Holder for 1/8" through 1/2" Bits
1007998	MT4 Thermal Friction Drill Tooling Holder for 1/8" through 1/2" Bits

# Variable Speed Drill Presses – DP-1375VS-110

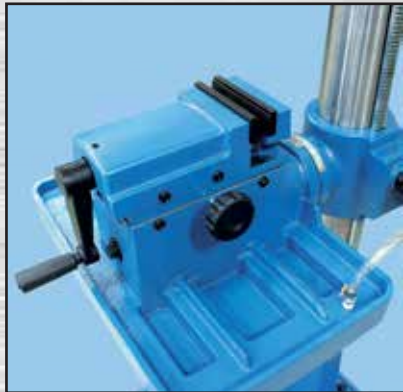
SPECIFICATIONS – DP-1375VS-110		
Swing	22"	558 mm
Drill Capacity Steel	1-1/16"	27 mm
Drill Capacity Cast Iron	1-1/4"	31.75mm
Tapping Capacity Mild Steel	5/8"	15.875 mm
No. of Spindle Speeds	Variable	
Spindle Speed	120–2000	
Spindle Taper	MT-3	
Spindle Travel	6"	152mm
Spindle Nose to Table	33-1/2"	851 mm
Spindle Nose to Base	46-7/8"	1190 mm
Spindle Nose to Column	11"	280 mm
Column Diameter	4-1/2"	114 mm
Table Dimension (L x W)	22" x 18-3/4"	559 mm x 476 mm
Table Slot	3 @ 5/8"	3 @ 15.875mm
Table Slot Centers	7-7/16"	190 mm
Work Table Capacity	154 lbs.	70 kgs.
Base Dimensions (L x W)	27" x 19"	685 mm x 483 mm
Motor Main	2 hp	
Motor Coolant	1/8 hp	
Power Requirements	115V, 60hz	
Shipping Dimensions	32" x 24" x 79"	813 x 610 x 2007 mm
Shipping Weight	579 lbs.	263 kgs.

*Specifications subject to change without notice.*

- ◆ Variable-speed inverter-driven head
- ◆ 1-1/16" through mild steel
- ◆ 22" swing
- ◆ Utilizes MT No.3 spindle taper
- ◆ Integrated coolant system
- ◆ Auto reverse for tapping
- ◆ 115V



# Variable Speed Drill Presses – DP-1400VS



SPECIFICATIONS – DP-1400VS		
Max. Drill Capacity	1.25"	32 mm
Max. Tapping Capacity	.625"	16 mm
Quill Diameter	2.44"	62 mm
Spindle Taper	MT 3	
Chuck Size	0 – .51"JT6	0 – 13 mm
Spindle Travel	5.5"	140 mm
Spindle Speed		
High	230 – 2500 rpm	
Low	80 – 1000 rpm	
Table Travel	25"	635 mm
Table Rotation	360°	
T-Slot Width	2 @ 0.551"	14 mm
Base Dimensions (W x D)	14.375" x 12.5"	365 mm x 317 mm
Power Requirements	220V / 1-phase, 60hz	
Drill Motor	2hp	
Coolant Pump	1/8hp	
Shipping Dimensions (L x W x H)	60" x 44" x 84"	1524x1118x2134 mm
Shipping Weight	750 lbs.	340 kgs.

*Specifications subject to change without notice.*

- ◆ Unique flip table with integrated vise
- ◆ Inverter-driven drill press.
- ◆ 1.25" mild steel drilling capacity.
- ◆ MT3 spindle taper
- ◆ 220V single phase

# Variable Speed Drill Presses – DP-1500VS

SPECIFICATIONS – DP-1500VS		
Drill Capacity		
Steel	1.5"	38 mm
Cast Iron	1.75"	45 mm
Tapping Capacity		
	.937"	24 mm
Spindle Speed		
High	245 – 2000 rpm	
Low	85 – 540 rpm	
Spindle Taper		
	MT 4	
Spindle Travel		
	5.9"	150 mm
Spindle Nose to Table		
	22.75"	580 mm
Spindle Nose to Base		
	40.75"	1035 mm
Quill Diameter		
	2.95"	75 mm
Quill Feed (3-speeds)		
	.0078", .004", .002" per rev.	.2 mm, .1 mm .05 mm per rev.
Column Diameter		
	4.52"	115 mm
Table Dimension (L x W)		
	22" x 18.5"	560 mm x 470 mm
Table Slot		
	.625"	16 mm
Base Dimensions (L x W)		
	27" x 19"	685 mm x 485 mm
Motor		
Main	2 hp	
Coolant	1/8 hp	
Power Requirements		
	220V / 1-phase	
Shipping Dimensions (L x W x H)		
	40" x 25" x 83"	1016 x 635 x 2108 mm
Shipping Weight		
	902 lbs.	410 kgs.

Specifications subject to change without notice.

- ◆ 1-1/2" thru mild steel
- ◆ Variable-speed inverter-driven head
- ◆ 3-speed power down feed
- ◆ Utilizes MT No.4 spindle taper
- ◆ Auto reverse tapping feature
- ◆ Digital RPM readout
- ◆ Integrated coolant system
- ◆ Includes drill chuck
- ◆ Power down feed for drilling
- ◆ 220V 1-phase



# Radial Drills – RD-1000M



SPECIFICATIONS – RD-1000M		
Max. Drill Capacity	1.57"	40 mm
Distance from Spindle to Column Center	7.8" to 39.3"	200 mm to 1000 mm
Diameter of Column	9.4"	240 mm
Spindle Taper	MT4	
Spindle Travel	9.8"	250 mm
Spindle Speed Range	71 to 1800 rpm	
Number of Speeds	8	
Range of Spindle Feeds	.005" to .02"	.13 mm to .54 mm
Spindle Feeds	4	
Dist. Between Spindle Nose and Base	10.3" to 41.8"	264 mm to 1064 mm
Table Size	15.7" x 17.7" x 15.7"	400 x 450 x 400 mm
Base Size	29" x 20"	1500 x 750 x 160 mm
Overall Size	68" x 29.5" x 93"	1730 x 750 x 2360 mm
Motor	2 hp	
Power Requirements	220V 3-phase	
Shipping Dimensions	74" x 39" x 87"	1870 x 970 x 2200 mm
Shipping Weight	3,740 lbs.	1700 kgs.

*Specifications subject to change without notice.*

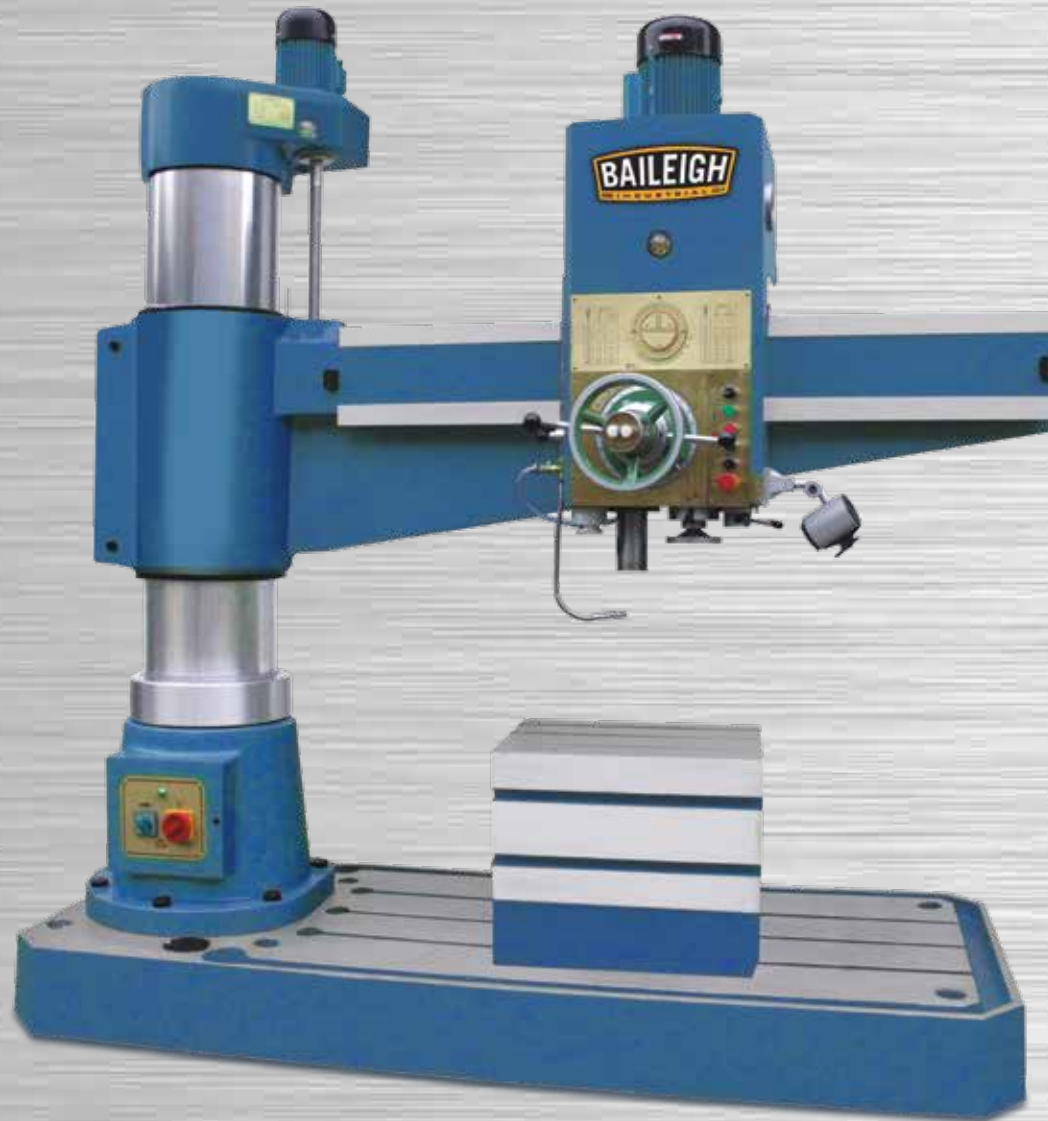
- ◆ 1.57" maximum drilling capacity
- ◆ Heavy duty construction
- ◆ Power down feed
- ◆ MT4 spindle
- ◆ 39.3" reach
- ◆ 9.4" column
- ◆ Box shape worktable
- ◆ 220V 3-phase

# Radial Drills – RD-1600H

SPECIFICATIONS – RD-1600H		
Max. Drill Capacity	2"	50 mm
Distance from Spindle to Column Center	13.7" to 63"	350 mm to 1600 mm
Diameter of Column	13.7"	350 mm
Spindle Taper	MT5	
Spindle Travel	12.4"	315 mm
Spindle Speed Range	25 to 2000 rpm	
Number of Speeds	16	
Range of Spindle Feeds	.001" to .125"	.04 mm to 3.2 mm
Spindle Feeds	16	
Dist. Between Spindle Nose and Base	12.6" to 48"	320 mm to 1220 mm
Table Size	24.8" x 19.6" x 19.6"	630 x 500 x 500 mm
Base Size	94.4" x 39.3" x 7.8	2400 x 1000 x 200 mm
Overall Size	114.1" x 41.7" x 104.3"	2900 x 1060 x 2650 mm
Motor	5.25 hp	
Power Requirements	220V 3-phase	
Shipping Dimensions	89" x 23" x 43"	2270 x 580 x 1100 mm
Shipping Weight	9,460 lbs.	4300 kgs.

Specifications subject to change without notice.

- ◆ 2" maximum drilling capacity
- ◆ Heavy duty construction
- ◆ Power down feed
- ◆ MT5 spindle
- ◆ Large 63" reach
- ◆ 13.7" column
- ◆ Box shape worktable
- ◆ 220V 3-phase



# Radial Drills – RD-1600H-VS

- ◆ 2-1/2" maximum drilling capacity
- ◆ Variable speed
- ◆ Power down feed
- ◆ MT5
- ◆ Large 63" reach
- ◆ 3.7" column
- ◆ Box shaped work table
- ◆ 220V 3 phase



SPECIFICATIONS – RD-1600H-VS		
Drilling Dia. Max. for No. 45 Steel	2.5"	63.5 mm
Drilling Dia. Max for HT200 Cast Iron	2.87"	73 mm
Tapping Dia. Max. for No. 45 Steel	1.75"	44.5 mm
Tapping Dia. Max. for HT200 Cast Iron	2"	50.8 mm
Working Table Size	29.5" x 19.625"	750 x 498 mm
Working Table T Slots	3 @ .875"	22 mm
Tilt Table Size	23.625 x 16"	600 x 406 mm
Tilt Table T Slots	3 @ .625"	16 mm
Base Working Area	68.5" x 38.625"	1740 x 981 mm
Base T Slots	3 @ .1.25"	31 mm
Column Surface to Spindle Center	13.75"–63"	350–1600 mm
Spindle Travel Maximum	49.5"	1253 mm
Base to Spindle	13.75"–49.25"	350–1250 mm
Spindle Travel	12.37"	314 mm
Spindle Diameter	3.12"	79 mm
Spindle Taper	MT5	
Spindle Speed Range	38–2000 r/min.	
Spindle Feed Steps	8	
Spindle Feed Range	.0024–.0394 r/in	.06–1 r/mm
Elevating Speed	47.2 in/min	1.2 m/min
Arm Rotation Angle	180°	
Power Requirements	220V/3 ph, 60hz	
Motor Spindle Driving	5-3/8 hp (4kw), 220V, 173–3460 RPMVS	
Shipping Dimensions	98" x 48" x 103"	2490 x 1220 x 2620 mm
Shipping Weight	9,460 lbs.	4300 kgs.

Specifications subject to change without notice.



# Tapping Arms – ATM-27-1000

SPECIFICATIONS – ATM-27-1000		
Tapping Range	.11" to 1"	3 mm to 27 mm
Work Range (Maximum)	39.3"	1000 mm
Work Range (Minimum)	3.93"	100 mm
Spindle Speeds	220 rpm	
Spindle Operation	Pneumatic	
Automatic Depth Control	No	
Included Tap Holders	1/4", 3/8", 1/2", 5/8", 3/4" and 7/8"	
Voltage	N/A	
Shipping Weight	55 lbs.	25 kgs.

*Specifications subject to change without notice.*

- ◆ Air tapping spindle
- ◆ Work range 3.93" to 39.3"
- ◆ Slanted arm
- ◆ Table mount system
- ◆ 1/4", 3/8", 1/2", 5/8", 3/4" and 7/8" tap holders included



# Tapping Arms – ATM-27-1900



- ◆ Air tapping spindle
- ◆ Work range 7.8" to 74.8"
- ◆ Dual stretch arm
- ◆ Slanted arm for increased reach
- ◆ Table mount system
- ◆ Adjustable spindle mount for variable degree tapping
- ◆ 1/4", 3/8", 1/2", 5/8", 3/4" and 7/8" tap holders included

SPECIFICATIONS – ATM-27-1900		
Tapping Range	.11" to 1"	3 mm to 27 mm
Work Range (Maximum)	74.8"	1900 mm
Work Range (Minimum)	7.8"	200 mm
Spindle Speeds	220 rpm	
Spindle Operation	Pneumatic	
Automatic Depth Control	No	
Included Tap Holders	1/4", 3/8", 1/2", 5/8", 3/4" and 7/8"	
Voltage	N/A	
Shipping Weight	84 lbs.	38 kgs.

*Specifications subject to change without notice.*

**Optional work cart  
available SKU 1008001**



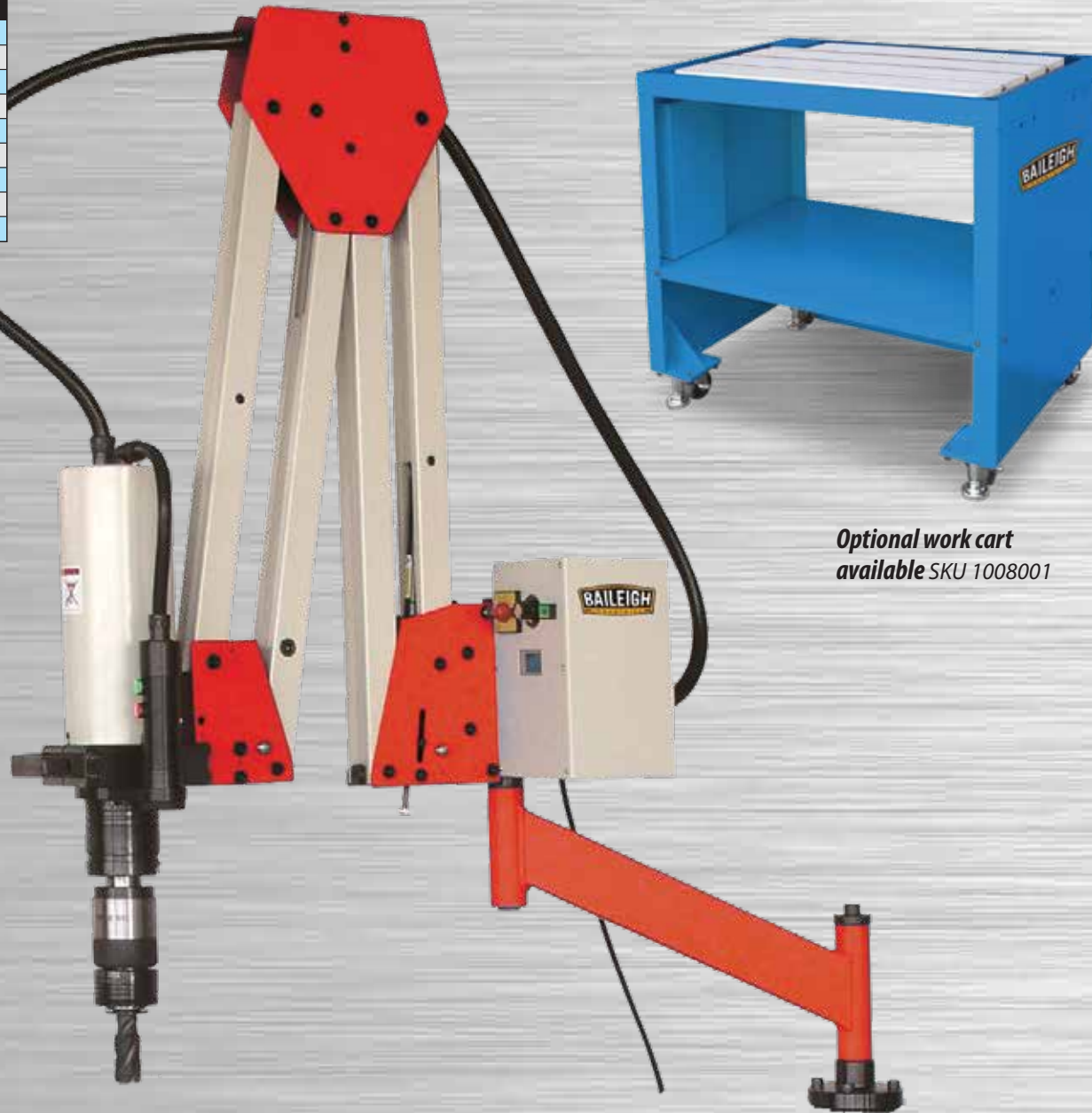
# Tapping Arms – ETM-32-1500

## SPECIFICATIONS – ETM-32-1500

Tapping Range	.11" to 1.25"	3 mm to 32 mm
Work Range (Maximum)	59"	1500 mm
Work Range (Minimum)	7.8"	200 mm
Spindle Speeds	0 to 300 rpm	
Spindle Operation	Electric	
Automatic Depth Control	No	
Included Tap Holders	1/4", 3/8", 1/2", 3/4", 1" and 1-1/8"	
Voltage	220V single phase	
Shipping Weight	154 lbs.	70 kgs.

Specifications subject to change without notice.

- ◆ Electric tapping spindle
- ◆ 0 to 300 rpm
- ◆ Work range 3.93" to 39.3"
- ◆ Slanted arm for increased reach
- ◆ Table mount system
- ◆ Adjustable spindle mount for variable degree tapping
- ◆ 1/4", 3/8", 1/2", 3/4", 1", and 1-1/8" tap holders included
- ◆ Optional work cart available
- ◆ 220V single phase



**Optional work cart  
available** SKU 1008001

# Tapping Arms – EATM-32-1900



*Optional work cart  
available SKU 1008001*



SPECIFICATIONS – EATM-32-1900		
Tapping Range	.11" to 1.25"	3 mm to 32 mm
Work Range (Maximum)	83"	2110 mm
Work Range (Minimum)	7.8"	200 mm
Spindle Speeds	0 to 300 rpm	
Spindle Operation	Electric	
Automatic Depth Control	Yes	
Included Tap Holders	1/4", 3/8", 1/2", 3/4", 1" and 1-1/8"	
Motor	1 hp	
Voltage	220V single phase	
Shipping Weight	154 lbs.	70 kgs.

*Specifications subject to change without notice.*

- ◆ Electric tapping spindle
- ◆ Auto depth control
- ◆ 0 to 300 rpm
- ◆ Work range 7.8" to 83"
- ◆ Dual stretch arms
- ◆ Slanted arm for increased reach
- ◆ Table mount system
- ◆ Adjustable spindle mount for variable degree tapping
- ◆ 1/4", 3/8", 1/2", 3/4", 1", and 1-1/8" tap holders included
- ◆ Optional work cart available
- ◆ 220V single phase

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# Vertical Mills – VM-626-1



SPECIFICATIONS – VM-626-1		
Spindle Taper	R8	
Working Table Size	6" x 26"	152.4 mm x 660.4 mm
Work Table Travel (X/Y/Z)	14.5" / 6" / 14.75"	370 mm / 150 mm / 345 mm
Spindle Nose to Worktable	0 to 13.75"	0 to 345 mm
Speeds	9	
RPM	230 to 2500	
Motor	1.5 hp	
Power Requirement	110V	
Shipping Dimensions (L x W x H)	48" x 48" x 60"	1220 x 1220 x 1525 mm
Shipping Weight	575 lbs.	262 kgs.

*Specifications subject to change without notice.*

- ◆ 6" x 26" work table
- ◆ Can be bench mounted
- ◆ Includes heavy duty stand
- ◆ R8 spindle taper
- ◆ One shot lubrication
- ◆ 1/2" t-slots
- ◆ Headstock tilts 90 degree left or right
- ◆ 9 speeds
- ◆ Work light
- ◆ Micro-feed spindle head wheel
- ◆ 110V

# Vertical Mills – VM-836E

SPECIFICATIONS – VM-836E		
Table Size	7.875" x 36"	200 x 915 mm
T Slots	3 @ .625"	16 mm
T Slots Centers	2.5"	63.5 mm
Longitudinal Travel	25.5"	648 mm
Cross Travel	9.625"	244.5 mm
Knee Vertical Travel	14.75"	374 mm
Cross Travel of Ram	12"	305 mm
Spindle Nose to Table	.875" ~ 15.625"	22.3 ~ 397 mm
Spindle to Column	5.25" ~ 15.75"	133 ~ 400 mm
Spindle Speeds	8 speeds, 80 to 2720 rpm	
Spindle Travel	5"	127 mm
Spindle Diameter	3.125"	80 mm
Spindle Taper	R8, 7/16"-20	
Collet Capacity	.125" ~ .875"	3.1 ~ 22.2 mm
Spindle Feed Per Rev	0034"/.0018"/.0056"	.086/.045/.142 mm
Spindle Head Tilt	90° (R&L)	
Table Load Capacity	750 lbs.	340 kgs.
Power Requirement	120V / 1ph, 60 hz	
Motor Spindle	2 hp	
Motor Coolant	1/16 hp	
Shipping Weight	1,950lbs	885 kgs.
Shipping Dimensions	48" x 60" x 85"	1220x1524x2159 mm

Specifications subject to change without notice.

- ◆ 8" x 36" table
- ◆ 8 spindle speeds
- ◆ R8 spindle
- ◆ Compact design
- ◆ 110V



# Vertical Mills – VM-942E



- ◆ 9" x 42" table
- ◆ R8 spindle taper
- ◆ Digital read out
- ◆ Work lamp
- ◆ 220V single phase

SPECIFICATIONS – VM-942E		
Table Size	9" x 42"	230 x 1067 mm
T Slots	3 @ .625"	16 mm
Longitudinal Travel	25.25"	641 mm
Cross Travel	12.12"	308 mm
Knee Vertical Travel	14.675"	371.5 mm
Cross Travel of Ram	13.5"	343 mm
Spindle Nose to Table	2.36" ~ 17"	60 ~ 432 mm
Spindle Speeds	8 speeds, 80 to 2760 rpm	
Spindle Travel	5"	127 mm
Spindle Diameter	3.34"	85 mm
Spindle Taper	R8	
Spindle Feed Per Rev	.003"/.0015"/.006"	.076 / .038 / .15mm
Spindle Head Swivel	45° (F&R), 90° (R&L)	
Table Load Capacity	750 lbs.	340 kgs.
Power Requirement	220V / 1ph, 60hz	
Motor Spindle	3 hp	
Motor Coolant	1/16 hp	
Shipping Weight	2,350 lbs.	1066 kgs.
Shipping Dimensions	65" x 67" x 79"	1651 x 1701 x 2006mm

*Specifications subject to change without notice.*

# Vertical Mills – VM-949E-VS

## SPECIFICATIONS – VM-949E-VS

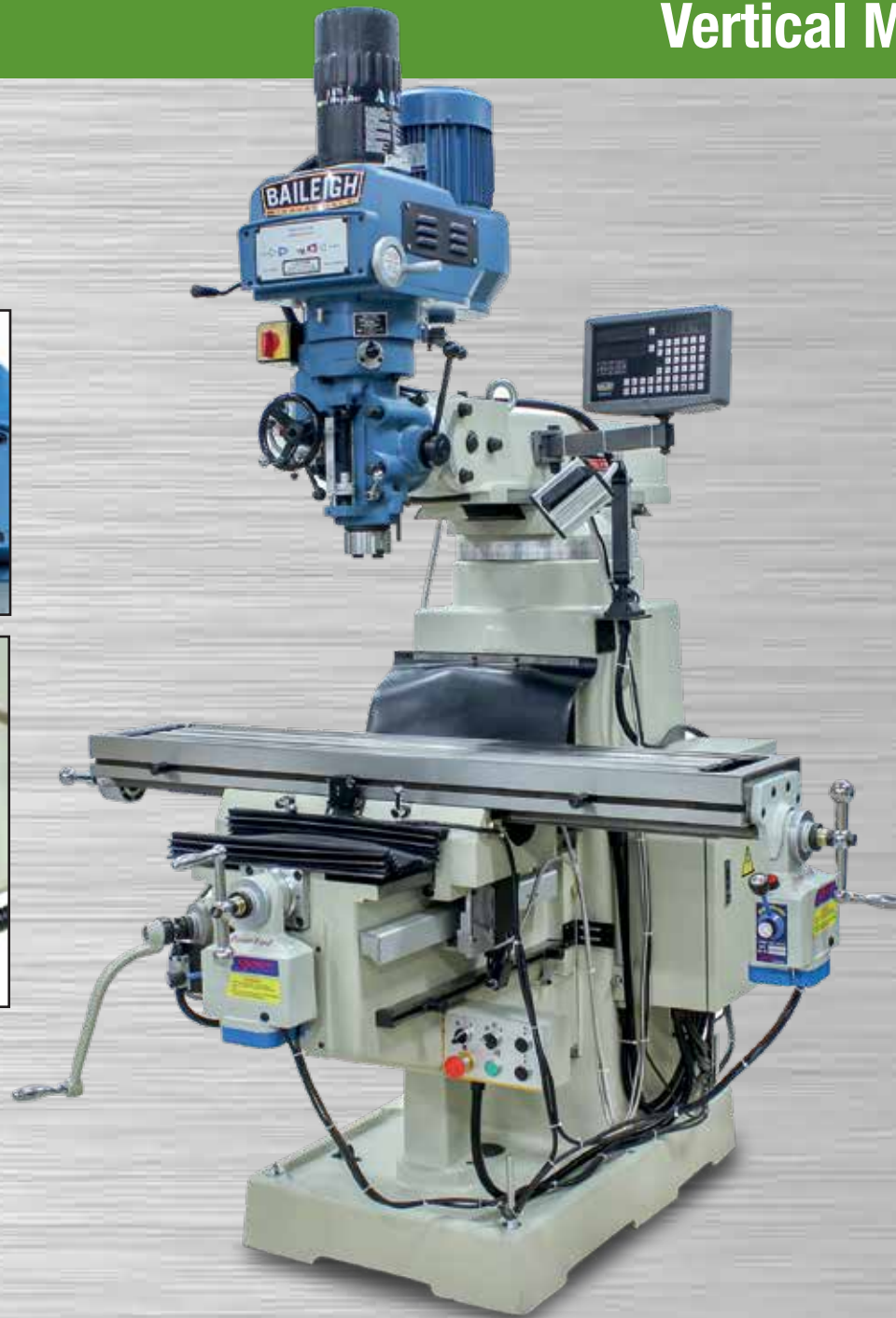
Table Size	9" x 49"	230 x 1246 mm
T Slots	3 @ .625"	16 mm
Travel Auto X Axis (Left/Right)	29"	745 mm
Travel Manual X Axis (Left/Right)	32.375"	82 mm
Travel Manual Y Axis (Forward/Backward)	12"	305 mm
Travel Manual Z Axis (Raise/Lower)	16"	406 mm
Table Load Capacity	770 lbs.	350 kgs.
Spindle Speed Range	70 to 4320 RPM	
Spindle Travel	5"	127 mm
Spindle Diameter	3.37"	85.725 mm
Spindle Taper	R8	
Spindle Feed Per Rev	.0015"/.003"/.008"	.038 mm/.076 mm/.203 mm
Spindle Head Swivel	45° (F&R), 90° (R&L)	
Cross Travel of Ram	12"	305 mm
Power Requirement	220V 1ph, 60hz	
Motor Spindle	3 hp, 1ph, 60hz, 60–4200 RPM VS	
Motor Coolant	1/16 hp (40 watt), 220V, 3360 RPM	
Shipping Dimensions (L x W x H)	65" x 67" x 79"	1651 x 1701 x 2006mm
Shipping Weight(approx.)	2,200 lbs.	1000 kgs.

Specifications subject to change without notice.

- ◆ 9" x 49" table
- ◆ Variable speed from 60 to 4,200rpm
- ◆ R8 spindle and drawbar
- ◆ DRO for X and Y axis
- ◆ Power feed X axis w/ rapid traverse
- ◆ Integrated coolant system
- ◆ Halogen work light
- ◆ 220V single phase



# Vertical Mills – VM-1054E-VS



## SPECIFICATIONS – VM-1054E-VS

Table Size	10" x 54"	254 x 1370 mm
T Slots	3 @ .625"	16 mm
Longitudinal Travel	32"	813 mm
Cross Travel	13.75"	350 mm
Knee Vertical Travel	13"	330 mm
Cross Travel of Ram	20"	508 mm
Spindle Nose to Table	4" ~ 17"	102 ~ 432 mm
Spindle Speed Range	60 ~ 4200 RPM	
Spindle Travel	5"	127 mm
Spindle Diameter	3.34"	85 mm
Spindle Taper	NT 40	
Spindle Feed Per Rev	.003"/.0015"/.006"	.076/.038/.152 mm
Spindle Head Swivel	45° (F&R), 90° (R&L)	
Table Load Capacity	750 lbs.	340 kgs.
Draw Bar Size	5/8-11	
Power Draw Bar Air Supply	90 psi	6.3 kgs-cms.
Power Requirement	220V / 3 ph, 60 hz	
Motor Spindle	3 hp	
Motor Coolant	1/16 hp	
Z Axis Motor	1/2 hp	
Shipping Weight	3,000 lbs.	1361kgs.
Shipping Dimensions	68" x 72" x 75"	1727 x 1829 x 1905mm

*Specifications subject to change without notice.*

- ◆ 10" x 54" Table
- ◆ Variable Speed
- ◆ Air Draw Bar
- ◆ Power X, Y, & Z
- ◆ Digital Readout
- ◆ 220V 3 phase

# Vertical Mills – VM-942-1

SPECIFICATIONS – VM-942-1		
Table Size	9" x 42"	230 mm x 1067 mm
Table Load Capacity	770 lbs.	350 kgs.
T-Slot Size	.625"	16 mm
Travel		
Manual X-Axis	30"	762 mm
Manual Y-Axis	12"	305 mm
Manual Z-Axis	16"	406 mm
Auto X-Axis	28.5"	724 mm
Auto Y-Axis	12"	305 mm
Auto Z-Axis	16"	406 mm
Spindle Taper	NT 40	
Spindle Speeds	70 – 4200 rpm	
Spindle Feed Per Rev.	.0015"/.003"/.006"	.04/.08/.15 mm
Spindle Diameter	3.37"	85.5 mm
Spindle Head Swivel	45° (F&R) 90° (R&L)	
Spindle Travel	5"	127 mm
Spindle Nose to Table (min./max.)	0 – 16"	0 – 406 mm
Spindle Center to Column (min./max.)	0 – 12"	0 – 305 mm
Cross Travel of Ram	12"	305 mm
Motor Spindle	3 hp	
Motor Coolant Pump	1/8 hp	
Power Requirement	220V / 1-phase	
Shipping Dimensions (L x W x H)	60" x 60" x 75"	1524 x 1524 x 1905 mm
Shipping Weight	2,200 lbs.	1000 kgs.

Specifications subject to change without notice.

- ◆ 3-axis DRO – standard
- ◆ NST 40 spindle taper
- ◆ Power feed on X, Y, and Z axis
- ◆ Turcite B® coated ways and guides for extreme durability
- ◆ Meehanite® castings for superior rigidity
- ◆ Standard draw bar
- ◆ Way covers and chip tray included
- ◆ Adjustable work light



# Vertical Mills – VM-949



- ◆ Mitutoyo 2 axis DRO – standard
- ◆ Yaskawa inverter head
- ◆ Pneumatic power draw bar
- ◆ Power feed on X, Y, and Z axis
- ◆ NST 40 spindle taper
- ◆ Standard table and knee locks
- ◆ Reversing quill
- ◆ Turcite B® coated ways and guides for extreme durability
- ◆ Meehanite® castings for superior rigidity
- ◆ Way covers and chip tray included
- ◆ Adjustable halogen work light
- ◆ 220V, single or 3-phase available



SPECIFICATIONS – VM-949		
Table Size	9" x 49"	230 mm x 1245 mm
Table Load Capacity	440 lbs.	200 kgs.
T-Slot Size	.625"	16 mm
Travel		
Manual X-Axis	28.5"	724 mm
Manual Y-Axis	12"	305 mm
Manual Z-Axis	16"	406 mm
Auto X-Axis	25.19"	640 mm
Auto Y-Axis	12"	305 mm
Auto Z-Axis	16"	406 mm
Spindle Taper	NT 40	
Spindle Speeds	60 – 4200 rpm	
Spindle Feed Per Rev.	.0015"/.003"/.005"	.04/.08/.13 mm
Spindle Diameter	3.37"	85.5 mm
Spindle Head Swivel	45° (F&R) 90° (R&L)	
Spindle Travel	5"	127 mm
Spindle Nose to Table (min./max.)	2.24" – 18.22"	57 – 463 mm
Spindle Center to Column (min./max.)	8.38" – 20.98"	213 – 533 mm
Cross Travel of Ram	12.59"	320 mm
Motor Spindle	3 hp	
Motor Coolant Pump	1/8 hp	
Power Requirement	220V / 1 or 3-phase	
Shipping Dimensions (L x W x H)	60" x 60" x 83"	1524 x 1524 x 2110 mm
Shipping Weight	2,200 lbs.	1000 kgs.

*Specifications subject to change without notice.*

# Vertical Mills – VM-1054-3

## SPECIFICATIONS – VM-1054-3

Table Size	10" x 54"	254 mm x 1372 mm
Table Load Capacity	550 lbs.	250 kgs.
T-Slot Size	.625"	16 mm
Travel		
Manual X-Axis	35.43"	900 mm
Manual Y-Axis	15.75"	400 mm
Manual Z-Axis	16"	406 mm
Auto X-Axis	32.25"	820 mm
Auto Y-Axis	15.75"	400 mm
Auto Z-Axis	16"	406 mm
Spindle Taper	NT 40	
Spindle Speeds	80 – 3800 rpm	
Spindle Feed Per Rev.	.0015"/.003"/.005"	.04/.08/.13 mm
Spindle Diameter	3.93"	100 mm
Spindle Head Swivel	45° (F&R) 90° (R&L)	
Spindle Travel	5"	127 mm
Spindle Nose to Table (min./max.)	1.57" – 17.55"	40 – 445 mm
Spindle Center to Column (min./max.)	7.87" – 26.77"	200 – 680 mm
Cross Travel of Ram	18.89"	480 mm
Motor Spindle	3 hp	
Motor Coolant Pump	1/8 hp	
Power Requirement	220V / 3-phase	
Shipping Dimensions (L x W x H)	60" x 60" x 87"	1524 x 1524 x 2210 mm
Shipping Weight	3,000 lbs.	1364 kgs.

Specifications subject to change without notice.

- ◆ Mitutoyo 2 axis DRO – standard
- ◆ Yaskawa inverter head
- ◆ Pneumatic power draw bar
- ◆ Power feed on X, Y, and Z axis
- ◆ NST 40 spindle taper
- ◆ Standard table and knee locks
- ◆ Reversing quill
- ◆ Turcite B® coated ways and guides for extreme durability
- ◆ Meehanite® castings for superior rigidity
- ◆ Way covers and chip tray included
- ◆ Adjustable halogen work light



# Vertical Mills – VM-1258-3



- ◆ Mitutoyo 2 axis DRO – standard
- ◆ Yaskawa inverter head
- ◆ Pneumatic power draw bar
- ◆ Power feed on X, Y, and Z axis
- ◆ NST 40 spindle taper
- ◆ Standard table and knee locks
- ◆ Ball screws on X and Y axis
- ◆ Reversing quill
- ◆ Turcite B® coated ways and guides for extreme durability
- ◆ Meehanite® castings for superior rigidity
- ◆ Way covers and chip tray included
- ◆ Adjustable halogen work light



SPECIFICATIONS – VM-1258-3		
Table Size	12" x 58"	305 mm x 1474 mm
Table Load Capacity	770 lbs.	350 kgs.
T-Slot Size	.625"	16 mm
Travel		
Manual X-Axis	36.61"	930 mm
Manual Y-Axis	15.74"	400 mm
Manual Z-Axis	17.71"	450 mm
Auto X-Axis	36.22"	920 mm
Auto Y-Axis	14.96"	380 mm
Auto Z-Axis	17.71"	450 mm
Spindle Taper	NT 40	
Spindle Speeds	80 – 3800 rpm	
Spindle Feed Per Rev.	.0035"/.07"/.14"	.09/1.78/3.56 mm
Spindle Diameter	3.93"	100 mm
Spindle Head Swivel	90° (R&L)	
Spindle Travel	5.51"	140 mm
Spindle Nose to Table (min./max.)	1.37" – 19.09"	35 – 485 mm
Spindle Center to Column (min./max.)	5.11" – 21.65"	130 – 550 mm
Cross Travel of Ram	16.53"	420 mm
Motor Spindle	5 hp	
Motor Coolant Pump	1/8 hp	
Power Requirement	220V / 3-phase	
Shipping Dimensions (L x W x H)	70" x 61" x 91"	1778 x 1550 x 2312 mm
Shipping Weight	3,740 lbs.	1700 kgs.

Specifications subject to change without notice.

# Vertical Mill/Drill – VMD-30VS

## SPECIFICATIONS – VMD-30VS

Drilling Capacity	1.125"	30 mm
Tapping Capacity	.625"	16 mm
Face Milling Capacity	3"	76 mm
Spindle Taper	R8	
Spindle Travel	5.9"	150 mm
Spindle Nose to Table	19.7"	500 mm
X-Axis Travel	14.5"	368 mm
Y-Axis Travel	6.67"	170 mm
Table Size	8.25" X 28.75"	210 mm x 730 mm
Table Capacity	440 lbs.	200 kgs.
T-Slots	.625"	16 mm
Spindle Speeds	150 – 2500 rpm	
Motor	2 hp	
Coolant Motor	1/8 hp	
Shipping Dimensions (L x W x H)	60" x 44" x 68"	1524 x 1120 x 1728 mm
Shipping Weight	616 lbs.	280 kgs.

*Specifications subject to change without notice.*

- ◆ Variable speed inverter driven head
- ◆ Manual feed
- ◆ R8 spindle taper
- ◆ Digital RPM readout
- ◆ Integrated coolant system
- ◆ Swing away safety shield
- ◆ Halogen work light
- ◆ 7/16" x 20" draw bar
- ◆ 220V 1-phase



# Vertical Mill/Drill – VMD-828G



## SPECIFICATIONS – VMD-828G

Drilling Cap. Cast Iron	1.5"	40 mm
Drilling Cap. Mild Steel	1.25"	32 mm
Face Mill Cap.	3"	76 mm
End Mill Cap.	1.25"	32 mm
Working Table Size	8.25" x 28.75"	210 x 730 mm
Working Table Cross Travel	9"	230 mm
Working Table Longitudinal Travel	19.5"	500 mm
T-Slot Size	.55"	14 mm
Head Tilt Left Right	90°	
Head Swivel	360°	
Spindle Taper	R8	
Maximum Distance Spindle To Base	16.14"	410 mm
Spindle Stroke	4.75"	120 mm
Spindle Speed	90, 210, 345, 670, 1180, 1970 rpm	
Power Supply	115V, 60 hz, 20A	
Main Motor	2 hp	
Coolant Pump	1/16 hp	
Shipping Dimension (L x W x H)	69" x 44" 70"	1753 x 1118 x 1778 mm
Gross Weight	710 lbs.	322 kgs.

*Specifications subject to change without notice.*

- ◆ 8" x 28" table
- ◆ Gear driven head
- ◆ R8 spindle taper
- ◆ Integrated coolant system
- ◆ Storage cabinet
- ◆ 7/16" x 20" drawbar
- ◆ 110V

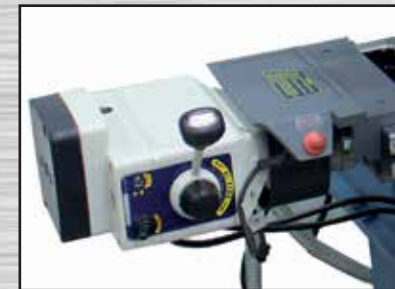
# Vertical Mill/Drill – VMD-931G

## SPECIFICATIONS – VMD-931G

Drilling Cap. Cast Iron	1.75"	45 mm
Drilling Cap. Mild Steel	1.25"	32 mm
Face Mill Cap.	3.15"	80 mm
End Mill Cap.	1.25"	32 mm
Working Table Size	9.45" x 31.5"	240 x 800 mm
Working Table Cross Travel	7.48"	190 mm
Working Table Longitudinal Travel	22"	560 mm
Maximum Distance Spindle To Base 1	7.32"	440 mm
Spindle Stroke	4.75"	120 mm
T-Slot Size	.55"	14 mm
Head Tilt Left Right	90°	
Spindle Taper	R8	
Draw Bar	7/16"-20 UNF	
Spindle Speed	90, 210, 345, 670, 1180, 1970 rpm	
Power Supply	115V, 60 hz, 20A	
Main Motor	2 hp	
Coolant Pump	1/16 hp	
Shipping Dimension (L x W x H)	69" x 44" x 70"	1753 x 1118 x 1778mm
Gross Weight	710 lbs.	322 kgs.

Specifications subject to change without notice.

- ◆ 9" x 31" table
- ◆ Gear driven head
- ◆ R8 spindle taper
- ◆ Power X axis
- ◆ Integrated coolant system
- ◆ Storage cabinet
- ◆ 7/16" x 20" drawbar
- ◆ 110V



# Mill, Drill, and Lathe Combination – MLD-1022



- ◆ Variable-speed inverter-driven head
- ◆ 1-1/16" through mild steel
- ◆ 22" Swing
- ◆ Utilizes MT No.3 spindle taper
- ◆ Integrated coolant system
- ◆ Auto reverse for tapping
- ◆ 115V

SPECIFICATIONS – MLD-1022		
Lathe		
Distance Between Centers	29.5"	750 mm
Swing Over Bed	9.75"	250 mm
Swing Over Cross Slide	5.7"	145 mm
Width of Bed	5.3"	135 mm
Taper of Spindle Bore	MT 4	
Speed	50 – 2000 rpm / Variable	
Range of Longitudinal Feed (per rev)	.003 – .008"	.07 – .2 mm
Range of Inch Threads	8 – 56 T.P.I.	
Range of Metric Threads	.4 – 3.5 mm	
Top Slide Travel	2"	50 mm
Cross Slide Travel	4.5"	115 mm
Tailstock Quill Travel	2"	50 mm
Taper of Tailstock Quill	MT 2	
Motor	1 hp	
Voltage	120V	
Mill / Drill		
Taper of Spindle Bore	R8	
Spindle Stroke	2"	50 mm
Spindle Speed	50 – 2250 rpm / Variable	
Max. Distance Spindle to Table	11"	280 mm
Max. Distance Spindle to Column	6.5"	170 mm
Motor	.75 hp	
Voltage	120V	
Shipping Weight	429 lbs.	195 kgs.

*Specifications subject to change without notice.*

# Mill, Drill, and Lathe Combination – MLD-1030

SPECIFICATIONS – MLD-1030		
Lathe		
Distance Between Centers	21.5" / 29.5"	550 / 750 mm
Swing Over Bed	9.75"	250 mm
Swing Over Cross Slide	5.7"	145 mm
Width of Bed	5.3"	135 mm
Taper of Spindle Bore	MT 4	
Speed	50 – 2000 rpm / Variable	
Range of Longitudinal Feed (per rev)	.003 – .008"	.07 – .2 mm
Range of Inch Threads	8 – 56 T.P.I	
Range of Metric Threads	.4 – 3.5 mm	
Top Slide Travel	2"	50 mm
Cross Slide Travel	4.5"	115 mm
Tailstock Quill Travel	2"	50 mm
Taper of Tailstock Quill	MT 2	
Motor	1 hp	
Voltage	110V	
Mill / Drill		
Taper of Spindle Bore	R 8	
Spindle Stroke	2"	50 mm
Spindle Speed	50 – 2250 rpm / Variable	
Max. Distance Spindle to Table	11"	280 mm
Max. Distance Spindle to Column	6.5"	165 mm
Motor	.75 hp	
Voltage	110V	
Shipping Dimensions (L x W x H)	56" x 26" x 49"	1422 x 660 x 1245 mm
Shipping Weight	429 lbs.	195 kgs.

Specifications subject to change without notice.

- ◆ Combination mill, lathe, and drill
- ◆ Precision ground and hardened ways
- ◆ MT4 spindle taper on lathe
- ◆ R8 spindle taper on mill/drill
- ◆ Power longitudinal feed
- ◆ Gear driven mill head
- ◆ Digital readout for RPM of lathe
- ◆ Digital readout for depth of cut on mill head
- ◆ 110V



# Lathes – PL-714VS / PL-1022VS



**PL-714VS**

- ◆ Variable speed bench top lathe
- ◆ Precision ground and hardened ways
- ◆ MT3 spindle taper
- ◆ MT2 tailstock taper
- ◆ 3 jaw chuck
- ◆ 4 jaw chuck
- ◆ Steady and follow rests
- ◆ Digital readout for RPMs
- ◆ Quick change tool post
- ◆ 110V

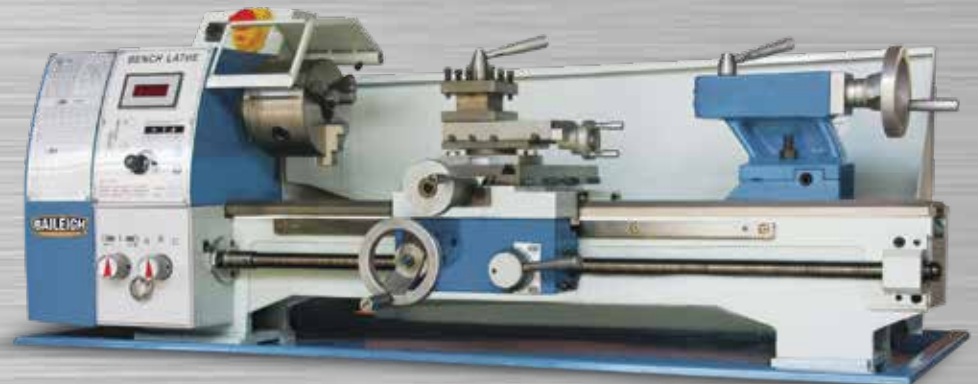
SPECIFICATIONS – PL-714VS		
Distance Between Centers	13.8"	350 mm
Max. Swing Over Bed	7.00"	178 mm
Spindle Taper	MT3	
Chuck Diameter	4"	101.6 mm
Spindle Bore	.75"	19 mm
Tool Slide Travel	1.378"	35 mm
Taper of Tailstock Quill	MT2	
Range of Metric Threads	0.5 – 2.5 mm	
Range of Inch Threads	12 – 52 TPI	
Cross Slide Travel	2.559"	65 mm
Spindle Accuracy	.001"	.02 mm
Spindle Speed	100 – 2500 rpm	
Voltage	110V / 60Hz	
Motor	3/4 hp	
Shipping Weight	93 lbs.	42 kgs.

*Specifications subject to change without notice.*

SPECIFICATIONS – PL-1022VS		
Distance Between Centers	19.6"	500 mm
Max. Swing Over Bed	9.75"	250 mm
Spindle Taper	MT4	
Chuck Diameter	4.92"	125 mm
Spindle Bore	1.00"	26 mm
Tool Slide Travel	1.89"	48 mm
Taper of Tailstock Quill	MT2	
Range of Metric Threads	0.4 – 3.4 mm	
Range of Inch Threads	8 – 56 TPI	
Cross Slide Travel	4.528"	115 mm
Spindle Accuracy	.001"	.02 mm
Spindle Speed	125 – 2000 rpm	
Voltage	110V	
Motor	1 hp	
Shipping Weight	242 lbs.	110 kgs.

*Specifications subject to change without notice.*

- ◆ Variable speed bench top lathe
- ◆ Precision ground and hardened ways
- ◆ MT4 spindle taper
- ◆ MT2 tailstock taper
- ◆ 3 jaw chuck
- ◆ 4 jaw chuck
- ◆ Steady and follow rests
- ◆ Digital readout for RPMs
- ◆ Quick change tool post
- ◆ 110V



**PL-1022VS**

# Lathes – PL-1236E

## SPECIFICATIONS – PL-1236E

Swing Over Bed	12"	305 mm
Swing Over Cross Slide	7"	78 mm
Distance Between Centers	36"	914 mm
Spindle Bore	1.50"	38 mm
Spindle Bore Taper	Morse #5	
Spindle Speeds	9 (70 – 1500 rpm)	
Travel of Top Slide	3"	76 mm
Travel of Cross Slide	5.125"	130 mm
Leadscrew Thread Pitch	8 T.P.I.	
Longitudinal Feed Range	0.002" – 0.0548"/rev.	0.05 – 1.4 mm/rev
Cross Feed Range	0.00055" – 0.0149"/rev	0.014 – 0.38 mm/rev
Metric Thread Range	0.4 – 7 mm	
Sleeve Diameter	1.250"	32 mm
Sleeve Travel	4"	101 mm
Sleeve Taper	Morse #3	
Power Requirements	220V, 1PH, 60hz	
Main Motor	1.5HP	1.1Kw
Shipping Dimensions (L x W x H)	64" x 28.75" x 45.75"	1600 x 730 x 1160 mm
Shipping Weight	1,169 lbs.	530 kgs.



*Specifications subject to change without notice.*

- ◆ 6" three jaw chuck
- ◆ 8" four jaw chuck
- ◆ Face plate
- ◆ Steady rest
- ◆ Follow rest
- ◆ Quick change tool holder
- ◆ Foot brake
- ◆ Coolant system with splash guard
- ◆ 220V single phase

# Lathes – PL-1236E-DRO



SPECIFICATIONS – PL-1236E-DRO		
Swing Over Bed	12"	305 mm
Swing Over Cross Slide	7"	78 mm
Distance Between Centers	36"	914 mm
Spindle Bore	1.50"	38 mm
Spindle Bore Taper	Morse #5	
Spindle Speeds	9 (70 – 1500 rpm)	
Travel of Top Slide	3"	76 mm
Travel of Cross Slide	5.125"	130 mm
Leadscrew Thread Pitch	8 T.P.I.	
Longitudinal Feed Range	0.002" – 0.0548"/rev.	0.05 – 1.4 mm/rev
Cross Feed Range	0.00055" – 0.0149"/rev	0.014 – 0.38 mm/rev
Metric Thread Range	0.4 – 7 mm	
Sleeve Diameter	1.250"	32 mm
Sleeve Travel	4"	101 mm
Sleeve Taper	Morse #3	
Power Requirements	220V, 1PH, 60hz	
Main Motor	1.5HP	1.1Kw
Shipping Dimensions (L x W x H)	64" x 28.75" x 45.75"	1600 x 730 x 1160 mm
Shipping Weight	1,169 lbs.	530 kgs.

*Specifications subject to change without notice.*

- ◆ 2-axis digital readout
- ◆ 6" three jaw chuck
- ◆ 8" four jaw chuck
- ◆ Face plate
- ◆ Steady rest
- ◆ Follow rest
- ◆ Quick change tool holder
- ◆ Foot brake
- ◆ Coolant system with splash guard
- ◆ Removable chip tray
- ◆ 220V single phase

# Lathes – PL-1340E

SPECIFICATIONS – PL-1340E		
Swing Over Bed	13"	330 mm
Swing Over Cross Slide	7.750"	197 mm
Swing in Gap	18.750"	477 mm
Distance Between Centers	39.36"	1000 mm
Width of Bed	7.325"	186 mm
Spindle Nose	D1-4"	
Spindle Bore	1.50"	38 mm
Spindle Bore Taper	Morse #5	
Spindle Speeds	8 (70 – 2000 rpm)	
Travel of Top Slide	2.68"	68 mm
Travel of Cross Slide	6.29"	160 mm
Max. Tool Selection	.625" x .625"	16 mm x 16 mm
Longitudinal Feed Range	0.001" – 0.0137"/rev	0.026 – 0.348 mm/rev
Cross Feed Range	0.0002" – 0.0037"/rev	0.007 – 0.094mm/rev
Metric Thread Range	0.45– 10 mm	
Sleeve Diameter	1.259"	32 mm
Sleeve Taper	Morse #3	
Power Requirements	220V, 1-phase	
Main Motor	2Hp	1.5Kw
Shipping Dimensions (L x W x H)	79" x 33" x 59"	2007 x 838 x 1500 mm
Shipping Weight	1,521 lbs.	690 kgs.

*Specifications subject to change without notice.*

- ◆ 2-axis digital readout
- ◆ 6" three jaw chuck
- ◆ 8" four jaw chuck
- ◆ Face plate
- ◆ Steady rest
- ◆ Follow rest
- ◆ Quick change tool holder
- ◆ Foot brake
- ◆ Coolant system with splash guard
- ◆ Removable chip tray
- ◆ 220V single phase



# Lathes – PL-1440E

- ◆ 2-axis digital readout
- ◆ 6" three jaw chuck
- ◆ 8" four jaw chuck
- ◆ Face plate
- ◆ Steady rest
- ◆ Follow rest
- ◆ Micrometer saddle stop
- ◆ Quick change tool holder
- ◆ Foot brake
- ◆ Coolant system with splash guard
- ◆ Removable chip tray
- ◆ Fully assembled
- ◆ 220V 1-phase



SPECIFICATIONS – PL-1440E		
Swing Over Bed	14"	360 mm
Swing Over Cross Slide	9"	230 mm
Swing in Gap	20"	508 mm
Distance Between Centers	39.36"	1000 mm
Width of Bed	7.325"	186 mm
Spindle Nose	D1-4"	
Spindle Bore	1.50"	38 mm
Spindle Bore Taper	Morse #5	
Spindle Speeds	8 (70 – 2000 rpm)	
Travel of Top Slide	2.68"	68 mm
Travel of Cross Slide	6.29"	160 mm
Max. Tool Selection	.625" x .625"	16 mm x 16 mm
Longitudinal Feed Range	0.001" – 0.0137"/rev	0.026 – 0.348 mm/rev
Cross Feed Range	0.0002" – 0.0037"/rev	0.007 – 0.094mm/rev
Metric Thread Range	0.45– 10 mm	
Sleeve Diameter	1.259"	32 mm
Sleeve Taper	Morse #3	
Power Requirements	220V, 1-phase	
Main Motor	2Hp	1.5kw
Shipping Dimensions (L x W x H)	79" x 33" x 59"	2007 x 838 x 1500 mm
Shipping Weight	1,521 lbs.	690 kgs.

*Specifications subject to change without notice.*

# Lathes – PL-1860E

## SPECIFICATIONS – PL-1860E

Max Swing Over Bed	18"	460 mm
Max Swing Over Cross Slide	10.75"	273 mm
Max Swing Through Gap	27.5	700 mm
Center Length	60"	1524 mm
Spindle Nose	D1 – 8	
Spindle Bore	3.125"	80 mm
Spindle Taper (nose)	Morse #5	
Spindle Taper (sleeve)	Morse #7	
Speed Number	12	
Speed Range	25 – 1800 rpm	
Cross Slide Travel	10.50"	267 mm
Compound Rest Travel	5.125"	130 mm
Threads		
Imperial (qty / type)	61 / 1-5/8 – 72 T.P.I.	
Metric (qty / type)	24 / .5-20 mm Pitch	
Longitudinal Feeds		
Imperial (qty / type)	122 / .0015" – .0913" rev.	
Cross Feed		
Imperial (qty / type)	122 / .006" – .0635" rev.	
Tailstock (quill) Travel	6.0"	153 mm
Tailstock (quill) Taper	Morse #5	
Motor Coolant	1/8 hp	.093 kw
Motor Main	7.5 hp	5.5 kw
Power Requirement	220V / 3-phase	
Shipping Dimensions (L x W x H)	116" x 45" x 66"	2950 x 1143 x 1677 mm
Shipping Weight	5,650 lbs.	2570 kgs.

Specifications subject to change without notice.

- ◆ 2-axis digital readout
- ◆ 3-1/8" spindle bore
- ◆ 8" three jaw chuck
- ◆ 13" four jaw chuck
- ◆ Face plate steady rest
- ◆ Follow rest
- ◆ Quick change tool holder
- ◆ Coolant system
- ◆ Coolant system with splash guard
- ◆ 5 longitudinal feed stops
- ◆ 220V 3-phase



# Lathes – PL-1340

- ◆ Capacity—  
13" swing over bed, 40"  
between centers
- ◆ Mitutoyo 2-axis DRO—standard
- ◆ 8-step spindle speed
- ◆ 6" three-jaw chuck
- ◆ Integrated coolant system
- ◆ Headstock chuck guard with  
micro switch cutout
- ◆ 4-way quick change tool post  
with guard
- ◆ 220V 1-phase



SPECIFICATIONS – PL-1340		
Max Swing Over Bed	13"	330 mm
Max Swing Over Cross Slide	7.79"	198 mm
Max Swing in Gap		
Diameter	18.75"	477 mm
Length	4.5"	115 mm
Center		
Height	6.5"	165 mm
Length	39"	990 mm
Bed		
Width	7.375"	188 mm
Length	5.125"	130 mm
Height	11.41"	290 mm
Spindle		
Bore	1.5"	38 mm
Nose	D1 –4"	
Taper (nose)	Morse #5	
Taper (sleeve)	Morse #3	
Speeds		
Number	8	
Range	70 – 2000 rpm	
Cross Slide		
Width	4.625"	118 mm
Travel	6.29"	160 mm
Compound Rest		
Width	3"	76 mm
Travel	2.68"	68 mm
Lead Screw		
Diameter	.875"	22 mm
Thread	8 T.P.I.	
Feed Rod	.75 dia.	19 mm
Cutting Tool (max. section)	.625" x .625"	16 mm x 16 mm
Threads		
Imperial (qty./type)	31 / 4–56 T.P.I.	
Metric (qty./type)	26 / 4–7 mm pitch	
Diametrical (qty./type)	32 / 8–120 D.P.	
Module (qty./type)	21 / .2–3 M.P.	
Longitudinal Feeds		
Imperial (qty./speed)	32 / .0020" – .5480" / rev.	
Metric (qty./speed)	32 / .052 – 13.92 mm / rev.	
Cross Feeds		
Imperial (qty./speed)	32 / .0007" – .0187" / rev.	
Metric (qty./speed)	32 / .018 – .475 mm / rev.	
Tailstock		
Diameter	1.65"	42 mm
Travel	4.5"	114 mm
Taper	Morse #3	
Set Over	+/- .375"	+/- 10 mm
Motor Coolant	1/8 hp	
Motor Main	2 hp	
Power Requirement	220V / 1-phase	
Shipping Dimensions (L x W x H)	79" x 33" x 59"	2006 x 838 x 1500 mm
Shipping Weight	1,628 lbs.	740 kgs.

Specifications subject to change without notice.

# Lathes – PL-1640

## SPECIFICATIONS – PL-1640

Max Swing Over Bed	16"	407 mm
Max Swing Over Cross Slide	9.45"	240 mm
Max Swing in Gap		
Diameter	23.42"	595 mm
Length	6.125"	155 mm
Center		
Height	7.086"	180 mm
Length	40"	1016 mm
Bed		
Width	11.81"	300 mm
Length	74.75"	1900 mm
Height	12.20"	310 mm
Spindle		
Bore	2.0625"	52 mm
Nose	D1 –6"	
Taper (nose)	Morse #6	
Taper (sleeve)	Morse #4	
Speeds		
Number	12	
Range	30 – 2000 rpm	
Cross Slide		
Width	7.08"	180 mm
Travel	9"	230 mm
Compound Rest		
Width	4.33"	110 mm
Travel	4.75"	120 mm
Lead Screw		
Diameter	1.25"	32 mm
Thread	4 T.P.I.	
Feed Rod	.708 dia.	18 mm
Cutting Tool (max. section)	.625" x .625"	16 mm x 16 mm
Threads		
Imperial (qty./type)	40 / 2–56 T.P.I.	
Metric (qty./type)	53 / 4–14 mm pitch	
Diametrical (qty./type)	32 / 4–32 D.P.	
Module (qty./type)	44 / .4–7 M.P.	
Longitudinal Feeds		
Imperial (qty./speed)	40 / .0012" – .0252" / rev.	
Metric (qty./speed)	40 / .032 – .640 mm / rev.	
Cross Feeds		
Imperial (qty./speed)	40 / .0006" – .0126" / rev.	
Metric (qty./speed)	40 / .015 – .320 mm / rev.	
Tailstock		
Diameter	2.125"	54 mm
Travel	4.75"	120 mm
Taper	Morse #4	
Motor Coolant	1/8 hp	
Motor Main	7.5 hp	
Power Requirement	220V / 3-phase	
Shipping Dimensions (L x W x H)	91" x 65" x 44"	2311 x 1651 x 1118 mm
Shipping Weight	4,400 lbs.	2000 kgs.

- ◆ Capacity—  
16" swing over bed, 40"  
between centers
- ◆ Mitutoyo 2-axis DRO—standard
- ◆ 12–step spindle speed
- ◆ 8" three-jaw chuck
- ◆ Integrated coolant system
- ◆ Headstock chuck guard with  
micro switch cutout
- ◆ 4-way quick change tool post  
with guard
- ◆ 4 longitudinal feed stops
- ◆ 220V 3-phase



Specifications subject to change without notice.

# Lathes – PL-1860

- ◆ Capacity—  
18" swing over bed, 60"  
between centers
- ◆ Mitutoyo 2-axis DRO—standard
- ◆ 12-step spindle speed
- ◆ 8" three-jaw chuck
- ◆ Integrated coolant system
- ◆ Headstock chuck guard with  
micro switch cutout
- ◆ 4-way quick change tool post  
with guard
- ◆ Micrometer saddle stop
- ◆ 4 longitudinal feed stops
- ◆ 220V 3-phase



SPECIFICATIONS – PL-1860		
Max Swing Over Bed	18"	458 mm
Max Swing Over Cross Slide	11.3125"	288 mm
Max Swing in Gap		
Diameter	25.196"	640 mm
Length	6.125"	155 mm
Center		
Height	9"	230 mm
Length	60"	1524 mm
Bed		
Width	11.81"	300 mm
Length	74.75"	1900 mm
Height	12.20"	310 mm
Spindle		
Bore	2.375"	60 mm
Nose	D1 –6"	
Taper (nose)	Morse #6	
Taper (sleeve)	Morse #4	
Speeds		
Number	12	
Range	30 – 2000 rpm	
Cross Slide		
Width	7.08"	180 mm
Travel	9"	230 mm
Compound Rest		
Width	4.92"	125 mm
Travel	5.31"	135 mm
Lead Screw		
Diameter	1.25"	32 mm
Thread	4 T.P.I.	
Feed Rod	.708 dia.	18 mm
Cutting Tool (max. section)	.625" x .625"	16 mm x 16 mm
Threads		
Imperial (qty./type)	40 / 2–56 T.P.I.	
Metric (qty./type)	53 / 4–14 mm pitch	
Diametrical (qty./type)	32 / 4–32 D.P.	
Module (qty./type)	44 / 4–7 M.P.	
Longitudinal Feeds		
Imperial (qty./speed)	40 / .0012" – .0252" / rev.	
Metric (qty./speed)	40 / .032 – .640 mm / rev.	
Cross Feeds		
Imperial (qty./speed)	40 / .0006" – .0126" / rev.	
Metric (qty./speed)	40 / .015 – .320 mm / rev.	
Tailstock		
Diameter	2.125"	54 mm
Travel	4.75"	120 mm
Taper	Morse #4	
Motor Coolant	1/8 hp	
Motor Main	7.5 hp	
Power Requirement	220V / 3-phase	
Shipping Dimensions (L x W x H)	112" x 65" x 44"	2845 x 1651 x 1118 mm
Shipping Weight	5,060 lbs.	2300 kgs.

Specifications subject to change without notice.

# Lathes – PL-2060

## SPECIFICATIONS – PL-2060

Max Swing Over Bed	20"	510 mm
Max Swing Over Cross Slide	13"	330 mm
Max Swing in Gap		
Diameter	26.375"	670 mm
Length	7.0625"	180 mm
Center		
Height	10"	255 mm
Length	60.25"	1530 mm
Bed		
Width	16.125"	410 mm
Spindle		
Bore	3.125"	80 mm
Nose	D1 – 8"	
Taper (nose)	Morse #7	
Taper (sleeve)	Morse #5	
Speeds		
Number	12	
Range	20 – 1550 rpm	
Cross Slide		
Travel	12.5"	320 mm
Compound Rest		
Travel	10"	255 mm
Lead Screw		
Diameter	1.5"	38 mm
Thread	4 T.P.I.	6 mm
Threads		
Imperial (qty./type)	60 / 2–112 T.P.I.	
Metric (qty./type)	60 / 2–14 mm pitch	
Diametrical (qty./type)	50 / 4–112 D.P.	
Module (qty./type)	50 / 2–7 M.P.	
Longitudinal Feeds		
Imperial (qty./speed)	50 / .0014" – .0387" / rev.	
Metric (qty./speed)	50 / .037 – .983 mm / rev.	
Cross Feeds		
Imperial (qty./speed)	50 / .0007" – .01935" / rev.	
Metric (qty./speed)	50 / .0185 – .52 mm / rev.	
Tailstock		
Diameter	2.9375"	75 mm
Travel	6.3125"	160 mm
Taper	Morse #5	
Motor Coolant	1/8 hp	
Motor Main	15 hp	
Power Requirement	220V / 3-phase	
Shipping Dimensions (L x W x H)	121" x 54" x 67"	3074 x 1372 x 1702 mm
Shipping Weight	5,456 lbs.	2480 kgs.

Specifications subject to change without notice.

- ◆ Capacity—  
20" swing over bed, 60" between centers
- ◆ Mitutoyo 2-axis DRO—standard
- ◆ 12–step spindle speed
- ◆ 12" three-jaw chuck
- ◆ Integrated coolant system
- ◆ Headstock chuck guard with micro switch cutout
- ◆ 4-way quick change tool post with guard
- ◆ Micrometer saddle stop
- ◆ Longitudinal rapid traverse
- ◆ 4 longitudinal feed stops
- ◆ 220V 3-phase



# Lathes – PL-2080

- ◆ Capacity—  
20" swing over bed, 80"  
between centers
- ◆ Mitutoyo 2-axis DRO—standard
- ◆ 12-step spindle speed
- ◆ 12" three-jaw chuck
- ◆ Integrated coolant system
- ◆ Headstock chuck guard with  
micro switch cutout
- ◆ 4-way quick change tool post  
with guard
- ◆ Micrometer saddle stop
- ◆ Longitudinal rapid traverse
- ◆ 4 longitudinal feed stops
- ◆ 220V 3-phase



SPECIFICATIONS – PL-2080		
Max Swing Over Bed	20"	510 mm
Max Swing Over Cross Slide	13"	330 mm
Max Swing in Gap		
Diameter	26.375"	670 mm
Length	7.0625"	180 mm
Center		
Height	10"	255 mm
Length	80.313"	2040 mm
Bed		
Width	16.125"	410 mm
Spindle		
Bore	3.125"	80 mm
Nose	D1 – 8"	
Taper (nose)	Morse #7	
Taper (sleeve)	Morse #5	
Speeds		
Number	12	
Range	20 – 1550 rpm	
Cross Slide		
Travel	12.5"	320 mm
Compound Rest		
Travel	10"	255 mm
Lead Screw		
Diameter	1.5"	38 mm
Thread	4 T.P.I.	
Threads		
Imperial (qty./type)	60 / 2–112 T.P.I.	
Metric (qty./type)	60 / 2–14 mm pitch	
Diametrical (qty./type)	50 / 4–112 D.P.	
Module (qty./type)	50 / 2–7 M.P.	
Longitudinal Feeds		
Imperial (qty./speed)	50 / .0014" – .0387" / rev.	
Metric (qty./speed)	50 / .037 – .983 mm / rev.	
Cross Feeds		
Imperial (qty./speed)	50 / .0007" – .01935" / rev.	
Metric (qty./speed)	50 / .0185 – .52 mm / rev.	
Tailstock		
Diameter	2.9375"	75 mm
Travel	6.3125"	160 mm
Taper	Morse #5	
Motor Coolant	1/8 hp	
Motor Main	15 hp	
Power Requirement	220V / 3-phase	
Shipping Dimensions (L x W x H)	121" x 54" x 67"	3074 x 1372 x 1702 mm
Shipping Weight	6,050 lbs.	2750 kgs.

Specifications subject to change without notice.

# Vises – BV-3B / BV-3DP

Baileigh Industrial's line of work holding vises will give you years of worry free operation. Our vises are made to the highest tolerances which in turn eliminates jaw play and maintains smooth motion over its years of use.

Along with our vises, we also offer a heavy duty stand that allows you to either mount your vise and use it as a stand-alone or as a stand for another piece of Baileigh machinery, such as a grinder. For more information on the Baileigh Industrial line of vises or stands visit [www.baileigh.com](http://www.baileigh.com) or call 920-482-3230 and speak to a representative today.

## **BV-3B**

- ◆ 3" sliding bar vise
- ◆ Jaws slide on steel bar for precise alignment one piece cast iron body
- ◆ Fixed prismatic jaws with cross V-grooves
- ◆ 3" max vise opening
- ◆ 3.22" wide jaws
- ◆ 1/2" mounting slots
- ◆ Base size is 5.6" x 6.25"
- ◆ Weighs just 7 lbs



## **BV-3DP**

- ◆ 3" Drill Press Vise
- ◆ 1.5 tons of clamping force jaws hardened to 50 HRc
- ◆ Handle and Jaws have a black oxide finish
- ◆ one piece cast iron body
- ◆ Fixed prismatic jaws with cross V-grooves
- ◆ 3.188" max vise opening
- ◆ 3.30" wide jaws
- ◆ 7/16" mounting slot
- ◆ Base size is 6.5" x 6.5"
- ◆ Weighs just 8 lbs

# Vises – BV-4B / BV-4Q / BV-4M-3



## **BV-4B**

- ◆ 4" sliding bar Vise
- ◆ Jaws slide on steel bar for precise alignment one piece cast iron body
- ◆ Fixed prismatic jaws with cross V-grooves
- ◆ 3.5" max vise opening
- ◆ 4" wide jaws
- ◆ 1/2" mounting slots
- ◆ Base size is 6.5" x 7"
- ◆ Weighs just 8 lbs



## **BV-4Q**

- ◆ 4" quick jaw vise
- ◆ Includes guide rail for increased accuracy 1 ton of clamping force jaws hardened to 50 HRC
- ◆ Handle and jaws have a black oxide finish one piece cast iron body
- ◆ Fixed prismatic jaws with cross V-grooves
- ◆ 4.09" max vise opening
- ◆ 4.09" wide jaws
- ◆ Base size is 9.44" x 5.27"
- ◆ Weights 15 lbs

## **BV-4M-3**

- ◆ 4" drill press vise
- ◆ 3 unique mounting surfaces 1.6 tons of clamping force jaws hardened to 50 HRC
- ◆ Handle and jaws have a black oxide finish one piece cast iron body
- ◆ Fixed prismatic jaws with cross V-grooves
- ◆ 3.97" max vise opening
- ◆ 4.09" wide jaws
- ◆ 1/2" mounting slot
- ◆ Base size is 13.38" x 8.22"
- ◆ Weights 13 lbs

# Vises – BV-6Q / BV-6M / BV-8M



## **BV-6Q**

- ◆ 6-1/4" drill vise
- ◆ Sliding jaw with cam action locking handle for quick set ups.
- ◆ All steel and cast-iron construction
- ◆ 1-5/8" jaw height
- ◆ 6" maximum jaw opening
- ◆ 4 mounting slots in base
- ◆ 33 lbs



## **BV-6M**

- ◆ 5-3/4" milling vise
- ◆ Includes swiveling base
- ◆ Can be removed from swivel base for fixed mounting
- ◆ All steel and cast-iron body
- ◆ Reversible jaws for external work holding
- ◆ 5" maximum jaw opening
- ◆ 11-7/16" mount spacing (5/8" bolts)
- ◆ 77 lbs



## **BV-8M**

- ◆ 7-1/2" milling vise
- ◆ Includes swiveling base
- ◆ Can be removed from swivel base for fixed mounting
- ◆ All steel and cast-iron body
- ◆ Reversible jaws for external work holding
- ◆ 9" maximum jaw opening
- ◆ 12-9/16" mount spacing (3/4" bolts)
- ◆ 95 lbs



## **BV-4i**

- ◆ 4" industrial bench vise
- ◆ 3 tons of clamping force
- ◆ Made of durable ductile cast iron (60,000PSI tensile strength) one piece cast iron body
- ◆ Replaceable top jaws
- ◆ Integrated pipe jaws
- ◆ 5" max vise opening
- ◆ 4.48" wide jaws
- ◆ 2.6" throat depth
- ◆ 1/4" – 2" pipe capacity
- ◆ Net weight 17.5 lbs



## **BV-5i**

- ◆ 5" industrial bench vise
- ◆ 3.5 tons of clamping force
- ◆ Made of durable ductile cast iron (60,000PSI tensile strength) one piece cast iron body
- ◆ Replaceable top jaws
- ◆ Integrated pipe jaws
- ◆ 5.9" max vise opening
- ◆ 5.5" wide jaws
- ◆ 3.14" throat depth
- ◆ 1/4" – 2" pipe capacity
- ◆ Net weight 26 lbs

# Vises – BV-6i / BV-8i



## **BV-6i**

- ◆ 6" industrial bench vise
- ◆ 4.5 tons of clamping force
- ◆ Made of durable ductile cast iron (60,000PSI tensile strength) one piece cast iron body
- ◆ Replaceable top jaws
- ◆ Integrated pipe jaws
- ◆ 7" max vise opening
- ◆ 6.5" wide jaws
- ◆ 3.81" throat depth
- ◆ 1/4" – 3" pipe capacity
- ◆ Net weight 40 lbs



## **BV-8i**

- ◆ 8" industrial bench vise
- ◆ 5 tons of clamping force
- ◆ Made of durable ductile cast iron (60,000PSI tensile strength) one piece cast iron body
- ◆ Replaceable top jaws
- ◆ Integrated pipe jaws
- ◆ 9" max vise opening
- ◆ 8" wide jaws
- ◆ 4" throat depth
- ◆ 1/4" – 3" pipe capacity
- ◆ Net weight 57 lbs



## **BTS-33**

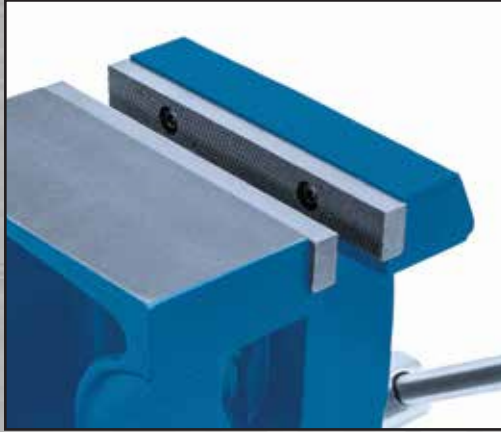
- ◆ Universal tool stand
- ◆ Perfect for grinders or vices
- ◆ Multiple mounting holes for numerous tools
- ◆ 33" tall
- ◆ Heavy duty cast iron base
- ◆ Integrated tool pocket/water cup
- ◆ 62 lbs



## **BV-5P**

- ◆ 5" multijaw bench vise
- ◆ Cast iron body
- ◆ Includes parallel, pipe, and V-jaws
- ◆ Vise swivels 360° on base
- ◆ Vise head rotates 360°
- ◆ 5-1/8" parallel jaw width
- ◆ 4" parallel jaw opening
- ◆ 3-1/2" pipe jaw opening
- ◆ 4-1/2" V-jaw opening
- ◆ 60 lbs

# Vises – BV-6HV



- ◆ 6" heavy duty hitch vise
- ◆ Can be hitch or bench mounted
- ◆ Designed for 2" receiver
- ◆ Includes 4 vibration adjustment screws
- ◆ Made durable ductile cast iron (60,000PSI tensile strength)
- ◆ One piece cast iron body
- ◆ Replaceable top jaws
- ◆ Integrated pipe jaws
- ◆ 2.5 tons of clamping force (hitch mounted)
- ◆ 3.5 tons of clamping force (bench mounted)
- ◆ 5.5" max vise opening
- ◆ 5.9" Wide jaws
- ◆ 5" throat depth
- ◆ 1/4" - 3-1/2" pipe capacity
- ◆ Large anvil work surface: 5-3/4" x 2.51"
- ◆ Net weight 28 lbs



# Shop Carts – B-Cart / B-CartX2

SPECIFICATIONS – B-Cart		
Capacity	660 lbs.	300 .
Table Size	32" x 20"	820 mm x 520 mm
Minimum Height	10.2"	240 mm
Maximum Height	30.7"	750 mm
Shipping Weight	143 lbs.	65 kgs.

Specifications subject to change without notice.

SPECIFICATIONS – B-CartX2		
Capacity	660 lbs.	300 kgs.
Table Size	32" x 20"	820 mm x 520 mm
Minimum Height	14.1"	360 mm
Maximum Height	47.2"	1220 mm
Shipping Weight	227 lbs.	103 kgs.

Specifications subject to change without notice.



# Hydraulic Lift Tables – HLT-4400

## SPECIFICATIONS – HLT-4400

Table Size	63" x 39"	1600 mm x 990 mm
Base Size	48" x 31"	1220 mm x 790 mm
Max Table Height	39"	990 mm
Min Table Height	9"	228 mm
Travel Speed	25 sec. for Max. Height	
Capacity	4400 lbs.	2000 kgs.
Power	220V Single Phase	240V Single Phase / 50 hz
Shipping Dimension	60" x 44" x 48"	1525 mm x 1120 mm x 1220 mm
Shipping Weight	600 lbs.	275 kgs.

- ◆ 4400 lbs. capacity
- ◆ 63" x 39" table
- ◆ Safety interlocked
- ◆ 220V single phase

Note: down pressure safety switch included.  
Specifications subject to change without notice.



# Shop Cooling Fans – BCF-3019



- ◆ Cools up to 3000 sq. ft.
- ◆ 3 fan speeds
- ◆ Compact size with small footprint (2' x 4')
- ◆ Efficiently cools with minimal increase to air humidity
- ◆ Runs more than 10 hours on a full tank of water
- ◆ Does not require a permanent water source
- ◆ Automatic low water shut-off
- ◆ Operates on a standard 120 volt outlet
- ◆ Portable
- ◆ Easy-to-use locking foot brake
- ◆ 12-inch solid rubber tires will never go flat
- ◆ Suitable for both indoor and outdoor use
- ◆ No break-in period – ready to use out of the box
- ◆ No lengthy shut-down procedure
- ◆ Does not require purchase of replacement pads
- ◆ Two on-board 120V GFCI accessory power outlets
- ◆ Proudly made in the USA

SPECIFICATIONS – BCF-3019	
Drive Type	Direct
Noise	77.5 db at 5 ft.
Motor Hp	1/2 hp
Blade Speeds	400/800/1100 RPM
Cooling System	6 Atomized Nozzles
Cooling Coverage (Sq. Ft.)	3,000
Air Flow (CFM)	8,462 (high speed)
Air Velocity (MPH)	22.3 (high speed)
Fan Diameter	30"
Tank Capacity	19 Gallons
Run Time	10 hours on full tank
Speeds	3
Power	110V
AMP Draw	10.3 A
Shipping Dimensions (Inches)	69 x 44 x 77
Shipping Weight	450 lbs.

*Specifications subject to change without notice.*

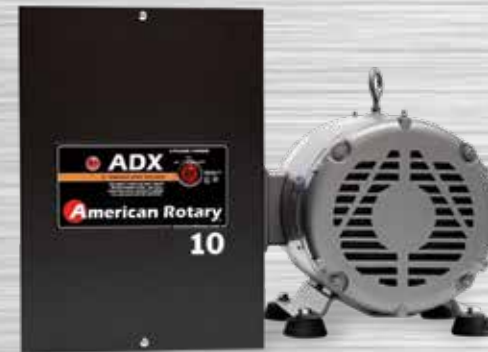


# Phase Converters

Baileigh Industrial has been in the business of selling quality machinery for nearly 20 years and in that time many customers needed a machine for their application that just wouldn't work for them because of the power requirements. Baileigh has come up with a solution for those customers, enter American Rotary. Baileigh Industrial has teamed up with American Rotary phase converters to make these machines available to everybody.

American rotary has been making premium rotary phase converters in the USA for more than a decade. American Rotary has led the industry in innovation and design and have introduced, field-tested, and proven technologically advanced features which have driven increases in the reliability and precision voltage balancing capabilities of phase conversion unmatched in the industry.

Needless to say, Baileigh Industrial is excited about this partnership and bringing more machinery options to our customers. To find the right phase converter for your application contact a Baileigh representative at 920-482-3230 today



ADX10



ADX20



ADX40



## Aaron Kaufman – Arclight Fabrication Company

*"I didn't know much about Baileigh when we started Fast and Loud, perhaps I had seen an ad or two but had never used the equipment. When the garage decided to go with Baileigh machines I was beside myself with excitement. I knew that the proper equipment would be instrumental in realizing my creative ambitions, and the better I got with the machines the wilder my ambitions grew. When I was finally able to afford a little shop, there was no question where I would buy the equipment. I felt that my money went the furthest with Baileigh so I replicated what we had at work in my shop and have been very pleased with my purchase. Ultimately, Baileigh Industrial equipment has unlocked so many possibilities in my shop, it's hard to imagine building cars without these tools."*