

CUSTOMER	SILENCERCO
INDUSTRY	ARMS MANUFACTURING
SOLUTION	MSC MILLMAX®



SilencerCo originated in 2008 when two men in a garage machined, welded and shaped their dreams into reality. They had one core belief: guns don't have to be loud. SilencerCo sets the standard for quality and innovation, having created the first non-round pistol silencer with the Osprey, then the Sparrow and Salvo 12 and today, the Maxim 9 – the first integrally suppressed 9mm pistol that is holsterable and hearing safe.

Due to their proprietary patented designs, as SilencerCo continues to innovate for greater sound suppression and breakthroughs, they need to ensure that they can increase their productivity to reduce their backlog and keep up with their customer demand.

Learn more about our MillMax® service at mscdirect.com/solutions/millmax



GO SEE

IDENTIFIED OPPORTUNITY TO REDUCE BACKLOG



Uncover optimal milling parameters for key materials



Knock time out of jobs with fine tuning tools



Reduce cycle times for higher productivity

GO DO

MSC'S METALWORKING SPECIALISTS CONDUCTED MILLMAX® TAP TESTS



Conducted a MillMax® test to identify appropriate speeds & feeds in 17-4 PH



Tested existing tool which was not in a stable cutting zone



Delivered a dashboard with guidelines to implement changes

GO SAVE

ENHANCED OPERATIONAL PRODUCTIVITY

62%

Reduction in cycle time from 157 sec. to 59 sec.

196%

Productivity increase – MRR was 0.55 in.³/min. and is now 1.63 in.³/min.

50%

Increased cutting speed from 61 in./min. to 92 in./min.

GO AGAIN

"I learned about MillMax® before it was even offered. I wanted it as soon as it became available and it's paying off for SilencerCo every time."

Mark Darley,
Machine Shop Operations