

# CNC Manufacturing Case Study: Dispensing Enhanced Productivity



*“Our MSC 1000T dispenser, backed by MSC’s outstanding product offering and support, ensures that we control our tool usage to the Nth degree—making us a much leaner organization.*

*—Tom Walser, President, CNC Manufacturing*



Steve Hanzel, MSC Sales and Service Representative, and Tom Walser, President of CNC Manufacturing, discuss often-used cutting tools currently stored within CNC’s 1000T vending machine. The unit has enabled CNC to eliminate costly process redundancies and random tool ordering by placing all critical items, once scattered throughout the shop, in one safe, central location—with complete transactional history reports routinely generated.

## Company Overview

CNC Manufacturing, Kennett Square, PA, in business since 1997, supplies the global and ever-growing Medical, Aerospace, Defense, Hydraulics, Firearms, Nautical, and other industries with a vast array of unique, small precision parts made from metals, plastics, or exotic materials.

## Challenges

- Reduce on-hand inventory
- Control tool usage and eliminate waste
- Cash tied up in tooling, leaving little capital to improve the overall capability of the company
- Meeting rigid delivery dates, scheduling and lengthy set-ups caused inefficiencies because items couldn’t be easily found
- Organization was not as lean or as efficient as possible
- Replenishment an ongoing issue—company forced to buy entire packages from local suppliers

## The MSC 1000T Vending Solution

“We picked MSC because of its unique ability to get us an incredible choice of in-stock products—tools, fixtures, assemblies—the very next day, without us incurring substantial added shipping costs,” claims Walser.

- Optimize tool management and inventory activities
- Comprehensive reporting capabilities
- Business system design greatly reduces operating costs

## Key Business Results

- 80% reduction in tool inventory
- Overall tool usage 100% controlled; no more tool waste or item-location mysteries
- MSC started “inventorying” CNC’s tools—freeing up money to invest in new machine technology and additional skilled equipment operators
- Greatly cut set-up times as everything in one place and fully audited
- Vending unit, combined with a complete business system, dramatically helped CNC gain efficiencies through the elimination of costly manufacturing redundancies
- No requirement to buy entire packages—now order on as needed basis

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