

ToolBOSS™

Supply Chain Services



LET'S TAKE YOUR MANUFACTURING
TO THE NEXT LEVEL

kennametal.com/ToolBOSS

ToolBOSS Services

Kennametal ToolBOSS vending machines are the solution for securely storing tools and supplies. Our ToolBOSS units are built using leading-edge technologies that offer unparalleled inventory control, accountability of tool usage and flexibility in storage options. In addition, each machine can be configured as a standalone or add-on solution.

Let us help you stay competitive with our world-class intelligent inventory solutions.

**MODULO XL
GEN 2**
(4-6 Weeks)



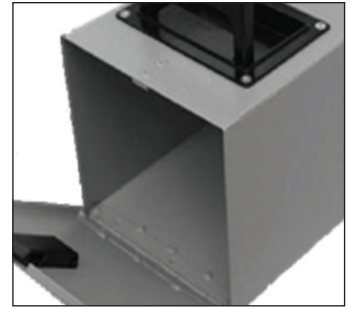
ROTOPOINT™
(4-6 Weeks)



MODULO GEN 2
(4-6 Weeks)



Lead times listed apply to US, Canada and Mexico.



**28 LEVEL
TOOLBOSS**
(4-6 Weeks)



**CLEAR
FRONT LOCKERS**
(4-6 Weeks)



JOURNEYMAN
(6-8 Weeks)



MODULO XL GEN 2

Configurable

- The Modulo XL Gen 2 can be configured to provide different size drawers and compartments.
- Up to 10 Modulo.
- Gen 2 frames/machines can be connected to provide a maximum of 1,200 drawers.

Manual Override

Modulo Gen 2 has a unique manual override, which is simple and easy to use in the case of power outages and maintenance situations.

Drawer Options

Modulo Gen 2 currently supports five different drawer sizes. Additional sizes may be available upon request.

Compatibility

The Modulo Gen 2 is fully compatible with all existing ToolBOSS machines running software version 4.1 or higher.

Secure Locations

Up to 180 secure locations in a single frame for a total of 2,160 compartments.

Easy Scoop Design

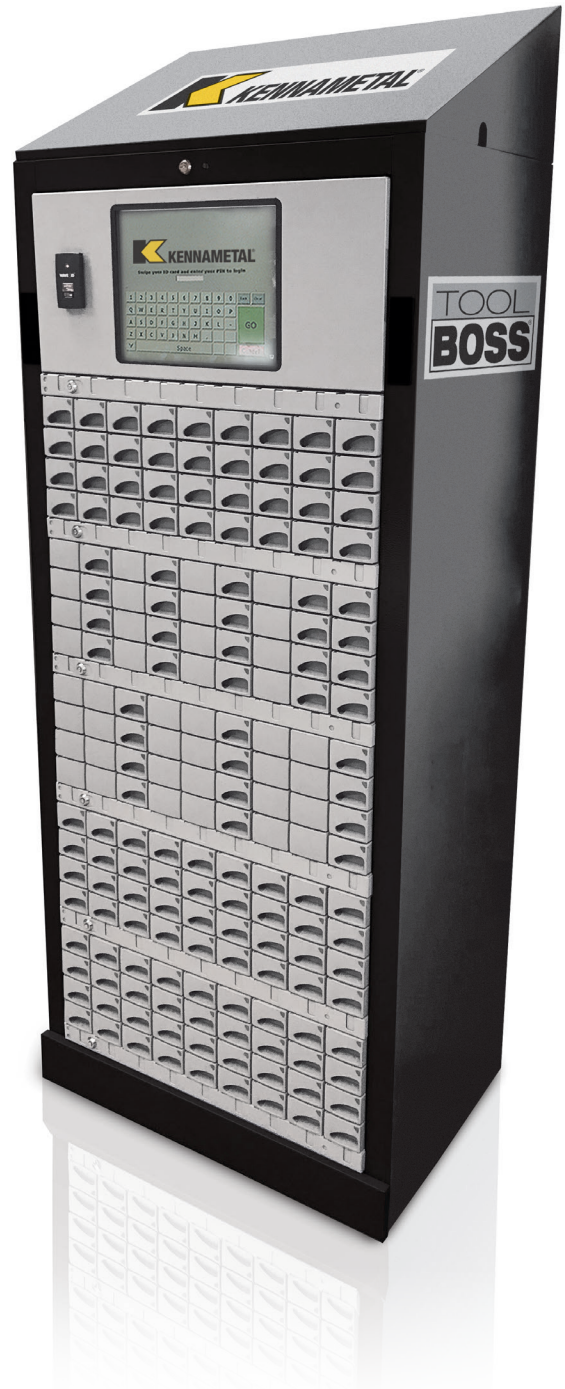
Compartment shape ensures smooth retrieval of contents.

Construction

Steel frame, ABS plastic drawers.

Dimensions

525mm D x 766mm W x 2010mm H



ROTOPOINT

Low to High Volume

The ROTOPOINT provides a wide number of locations from 234 up to a maximum of 468 in a single unit.

Manual Override

ROTOPOINT has a unique manual override, which is simple and easy to use in the case of power outages and maintenance situations.

Security

The compartments in the ROTOPOINT are hidden from view behind sturdy sliding doors and can withstand vigorous operation. The contents can be randomly distributed around the ROTOPOINT, reducing risk of unauthorized removal of contents.

Compatibility

The ROTOPOINT is fully compatible with all existing ToolBOSS machines.

Secure Locations

234–468 in a single frame

Locations per Level

18–36

Number of Doors

13

Weight Capacity

250 kg (uniform distributed load)

Dimensions

1030mm D x 1030mm W x 2010mm H



MODULO GEN 2

Configurable

The Modulo Gen 2 can be configured to provide different size drawers and compartments.

Manual Override

Modulo Gen 2 has a unique manual override, which is simple and easy to use in the case of power outages and maintenance situations.

Compatibility

The MODULO is fully compatible with all existing TOOLBOSS machines.

Secure Locations

Up to 120 secure locations managing up to 1,440 items.

Easy Scoop Design

Compartment shape ensures smooth retrieval of contents.

Construction

Steel frame, ABS plastic drawers.

Dimensions

510mm D x 545mm W x 2010mm H



28 LEVEL TOOLBOSS

Configurable

The 28 Level ToolBOSS can be configured in single trays or the entire frame can be easily changed in minutes without the use of tools.

Manual Override

28 Level ToolBOSS has a unique manual override, which is simple and easy to use in the case of power outages and maintenance situations.

Compatibility

The cabinet is fully compatible with all existing ToolBOSS units.

Security

Access to the contents of items in the cabinet can be restricted by the use of: username, password, biometric identification, card readers or a combination of these options. High-strength drawer locks cannot be forced open by normal or aggressive use without the assistance of tools.

Expandable

The cabinet can be expanded by up to 10 units per system, providing up to 1,121 secure locations.

Standalone Machine

- 26 levels
- 104 locations (max)
- 1,248 compartments (max)

Add-On Machine

- 28 levels
- 113 locations (max)
- 1,344 compartments (max)

Dimensions

20.1" D x 21.5" W x 78.7" H
(510mm D x 545mm W x 2000mm H)



CLEAR FRONT LOCKERS

Four Locker Configurations

S2 - 18 Medium Lockers

S3 - 27 Small Lockers

S4 - 9 Small, 6 Medium and 3 Large Lockers

Single Column - 6 Medium Lockers

Standalone Machine

Can be used as a standalone solution for managing large and bulky items. However, this does not apply to the single column locker.

Compatibility

Can be seamlessly integrated into any existing ToolBOSS installation.

Individual Locker Light

Each individual locker has its own lighting capability, allowing full visibility of products within the locker.

Expandable

Can be specified with a mixture of different size lockers to provide between 9 and 27 secure locations in a single frame. Up to 10 frames can be connected, providing up to 270 secure locations in a single system.

| Door Size | Small | Medium | Large |
|-----------------|-------|--------|-------|
| Height (inches) | 6.06 | 10 | 20.2 |
| Width (inches) | 12.5 | 12.5 | 12.5 |
| Depth (inches) | 19.7 | 19.7 | 19.7 |

Dimensions

Frame: 2000mm H x 1090mm W x 510mm D



JOURNEYMAN

Configurable

The Journeyman drawers can be configured into a selection of different compartments to suit the items, using one of the divider set packs.

Manual Override

Journeyman has a unique manual override, which is simple and easy to use in the case of power outages and maintenance situations.

Compatibility

The Journeyman cabinet can be easily integrated with other ToolBOSS products to provide the most optimum inventory management solution.

Drawer Options

There are 7 drawer configurations available in 900mm and 1350mm.

Expandable

The Journeyman can be a single standalone unit or expanded by adding up to 9 additional units. It can be seamlessly integrated as part of a broader inventory management solution, combining different products from the ToolBOSS product line.

Efficiency

Multiple items from different locations can be selected in one transaction, minimizing the time spent at the Journeyman.

High Speed Access

Rapid search and selection of the items via the SupplyPoint software is further enhanced with an LED identification system, which guides the users to the correct drawer location.



ToolBOSS can help you to establish needs, identify solutions and achieve measurable results, quickly and cost effectively. Our ongoing support, education, installation and maintenance programs deliver the latest technology updates to adapt your supply chain to changing industry conditions.

The Kennametal ToolBOSS provides:

- 24/7 automated control
- Guaranteed availability
- Secure, auditable storage
- Consumable and reusable tooling solutions
- Item calibration tracking and control
- Line side availability
- Fast and easy system operation
- Complete user accountability
- Automatic procurement capabilities
- Centralized SQL database
- Reduced inventory procurement costs
- Improved product availability
- Reduced tooling/consumable waste
- Improved customer relationship
- Enhanced calibration tracking and control
- Improved productivity

TOOLBOSS VALUE

- **30% Reduced Consumption**
Many companies have already reduced their tool & MRO consumption by 30% within the first year.
- **Active Reporting**
Over 60 custom reports views so you can drill down to transaction details and gain insight for optimization.
- **Boost Worker Productivity**
Our Point Of Use equipment will reduce machine downtime by placing critical tools and materials next to the worker.
- **Reduced Administrative Costs**
Real-time monitoring makes it easy to manage inventory levels, avoid costly stock-outs and automate procurement.

The software system that drives the ToolBOSS is powerful and extremely easy to use.

Because of the unique design of the ToolBOSS, items can be both issued and returned for repeated use. This is valuable for inspection equipment and tooling applications.

The software allows issues by multiple criteria (e.g. cell, job, user), which will allow access to a restricted list of items (e.g. those required for a single job) while allowing general use items (e.g. safety equipment) to be available to everybody.

Controlled access through permissions, passwords and access devices enable each user a unique “profile” to suit their individual requirements. A supplier can restock the machine while an operator can only withdraw and return items.

The ToolBOSS can control items outside the machine by either issuing a key or by issuing items directly. Loose items, such as screws and washers, can be issued by weight, using built-in electronic scales. Batch or individual traceable items, such as inspection equipment or aircraft spares, can be managed. A coded, non-editable audit trail provides evidence of every transaction. Search routines, and the ability to display graphical images of both items and the users, are also part of the design.

Once a report has been defined, it can be accessed anywhere on the network or sent via email on a schedule to the appropriate recipient. Users on the network can access the ToolBOSS to reconfigure data, run reports, and collect ordering information. Full EDI/electronic capability is included with the system for analysis of information and purchasing. Multiple, independent suppliers can have access to their own information — and only their own information.

Multiple ToolBOSS machines can be networked together and can provide information about each other’s contents.



TOOLBOSS CLOUD

What is the ToolBOSS Cloud?

ToolBOSS Cloud is a service that allows users to remotely store, manage and process data, all through the customer’s internet connection.

Is the Database Backed Up?

With ToolBOSS Cloud, the information stored and processed is continuously backed up. A customer’s information is never lost and is easily accessible.

Advantage of the ToolBOSS Cloud?

ToolBOSS is always on and location independent. If you’re at work, home or at a customer site, you can access your data and make decisions on demand.

Who Can Get Access to ToolBOSS Cloud?

ToolBOSS Cloud is included with the Shared Rewards Program or can be purchased as a yearly subscription.



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