ToolBOSS™ PRODUCT FAMILY

28 Level ToolBOSS™	MODULO GEN2	ROTOPOINT	Clear Front Locker	LID/ECTC
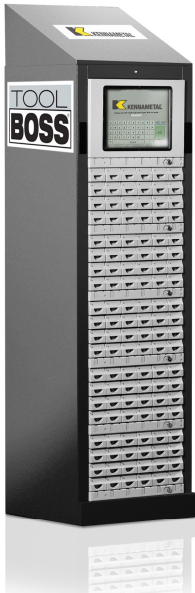
KENNAMETAL
28 LEVEL ToolBOSS™

⊕ **RECONFIGURABLE**

Single trays or the entire frame can be easily changed
in minutes without the use of tools

⊕ **UNIQUE MANUEL OVERRIDE FACILITY**

Unique manual override capability, simple and easy to use.
24/7 availability.

⊕ **SECURITY**

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

⊕ **COMPATIBILITY**

The cabinet is fully compatible with all existing ToolBOSS units

⊕ **EPANDABILITY**

The cabinet can be expanded by up to 10 units per system.
Provide up to 1.121 secure locations

DIMENSIONS	**AS A STANDALONE**	**AS A ADD ON**
• 510mm x 545mm x 2010mm	• 26 levels	• 28 levels
	• 104 locations	• 113 locations
	• 1.248 compartments	• 1.344 compartments

KENNAMETAL
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

In an ideal world, manual override would never be needed, but if required. The ROTOPOINT has a simple manual override which allows the contents to be accessed in case of power outage.

⊕ SECURITY

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

⊕ COMPATIBILITY

The ROTOPOINT is fully compatible with all existing ToolBOSS machines.

LOCATIONS	WEIGHT CAPACITY	NUMBER OF DOORS	DIMENSIONS
• 234-468 in a single frame	• 250kg (uniform distributed load)	• 13	• 1030mm x 1030mm x 2010mm

MODULO GEN2

⊕ CONFIGURABLE

Can be configured to provide different size drawers and compartments

⊕ HIGH CAPACITY

Up to 120 secure locations managing up to 1.440 items

⊕ UNIQUE MANUAL OVERRIDE FACILITY

Easy to us, unique front access manual override capability which requires no disassembly. The override can be selectively set to allow access to only the required items, maintaining the security of the rest of your vital components.

⊕ COMPATIBILITY

The MODULO is fully compatible with all existing ToolBOSS machines.

DIMENSIONS
- 510mm x 545mm x 2010mm
MODULO XL GEN2
- 510mm x 766mm x 2010mm

EASY SCOOP DESIGN
Compartments shape ensures smooth retrieval of contents.

CONSTRUCTION
Steel frame, ABS plastic drawers

KENNAMETAL
CLEAR FRONT LOCKER

⊕ **CONFIGURABLE**

Can be configured to provide different size drawers and compartments

⊕ **FOUR LOCKER CONFIGURATIONS**

- S1 - 6 Medium Lockers
- S2 - 18 Medium Lockers
- S3 - 27 Small Lockers
- S4 - 9 Small,6 Medium, 3 Large

⊕ **STANDALONE**

Can be used as a standalone solution for managing large and bulky items.

⊕ **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 frame can be connected providing up to 270 secure locations in a single system.

⊕ **COMPATIBILTY**

Can be seamlessly integrated into any existing ToolBOSS installation.

DIMENSIONS
- 2000mm x 1090mm x 510mm

INDIVIDUAL LOCKER LIGHT

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

⊕ UNIQUE MANUAL OVERRIDE

Easy to use manual override possibility to access drawer and compartments and change configuration of compartments if needed.

⊕ FELXIBILITY

The LID unit is a complete user – configurable solution to parts management. It can be configured to provide up to 324 single locations in a 1000 mm high cabinet, with the potential to provide 396 single locations in a 1200 mm high cabinet

⊕ COMPATIBILTY

The Modulo is fully compatible with all existing ToolBOSS machines
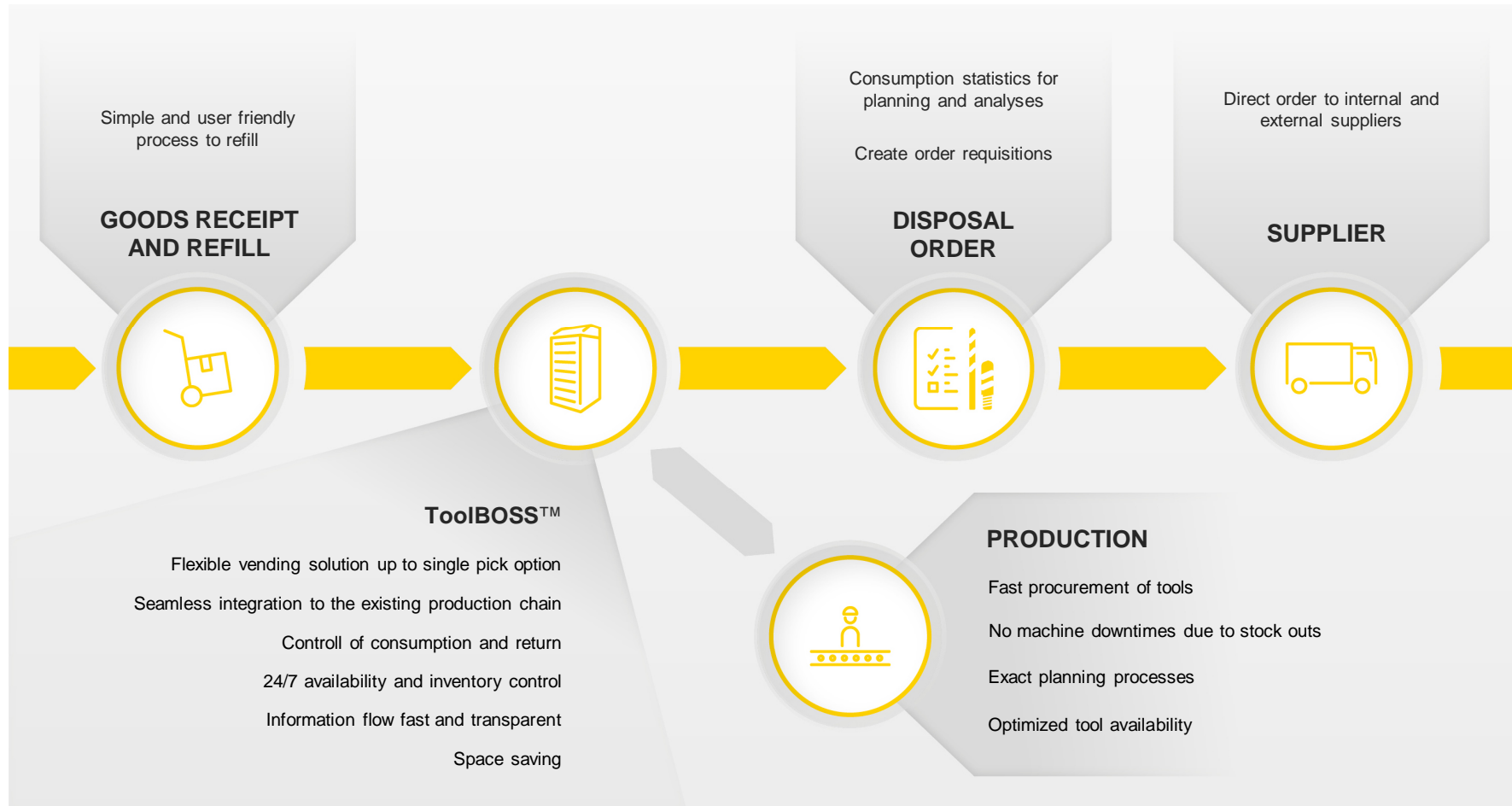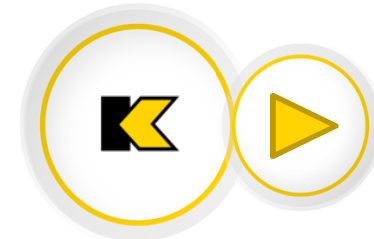
AS A ADD ON MACHINE
800 D x 800 W x 1000 mm H or
800 D x 800 W x 1200 mm H

AS A STANDALONE MACHINE
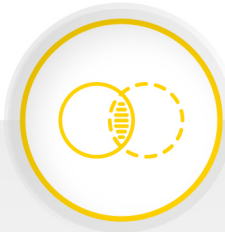800 D x 800 W x 1350 mm H or
800 D x 800 W x 1550 mm H

ToolBOSS™ VENDING SOLUTION

Simple and user friendly
process to refill

Consumption statistics for
planning and analyses

Create order requisitions

Direct order to internal and
external suppliers

GOODS RECEIPT
AND REFILL

DISPOSAL
ORDER

SUPPLIER

ToolBOSS™

Flexible vending solution up to single pick option

Seamless integration to the existing production chain

Controll of consumption and return

24/7 availability and inventory control

Information flow fast and transparent

Space saving

PRODUCTION

Fast procurement of tools

No machine downtimes due to stock outs

Exact planning processes

Optimized tool availability

ToolBOSS™
BENEFITS FOR THE CUSTOMER

**REDUCE
COSTS**

TAKE CONTROL

and

**INCREASE
TRANSPARENCY**

**REVIEW
CONSUMPTIONS**

and

**OTHER
TRANSACTIONS**

**INCREASE
RESPONSIVENESS**

WAREHOUSE MANAGEMENT

Configuration by tool type
(new, used, regrind, scrap, tooling kits)

Simple management of **gauges and other measurement tools** with validation date and calibration interval

External stock management

Assigment of items to suppliers, workpieces and machines

Reconditioning management

Kit management

Defined **user rights w Rationing function**

Tool life cycle management

Easy tool search function
via item groups and sub groups

TOOLBOSS™ UTILITIES

Easy to handle

No automatic updates or complicated installations

Windows OS

Data management in MS SQL

⊕ Management of workplans

⊕ Tool costs allocation to job, workpieces, machines, cost centres or cost units

⊕ Interface to external ERP systems like SAP

⊕ Employee management

⊕ Processing of machine data and presetting devices

⊕ Automated reordering process and EDI procurement

⊕ Customizing reporting possibilities

Database Server
(internal at customer, local on ToolBOSS or external server)

Client - Connetion
External workstation to access ToolBOSS database

ToolBOSS™
vending machine solutions

INTERNET

Support
Direct contact to the Kennametal application engineer

Remote controll via licensed
TeamViewer connection

ToolBOSS™
OPTIMIZATION STEPS

STOCK MOVEMENT

The transaction permissions control access to stock and issue quantities.

All inventory and transaction data are recorded.

REORDER

As soon as minimum stock level is reached, the software creates re-order proposals. Processed manually or sent periodically automatically to the responsible departments or suppliers by e-mail.

ROTATING STOCK

The organization of the tool life cycle controls and monitors the individual stocks of the entire stock in circulation and takes the stock into account for repeat orders.

INVENTORY OPTIMIZATION

The consumption-oriented disposition of the automatic ordering leads with the adaptation of the min. and max. stock level to a higher number of inventory turns.
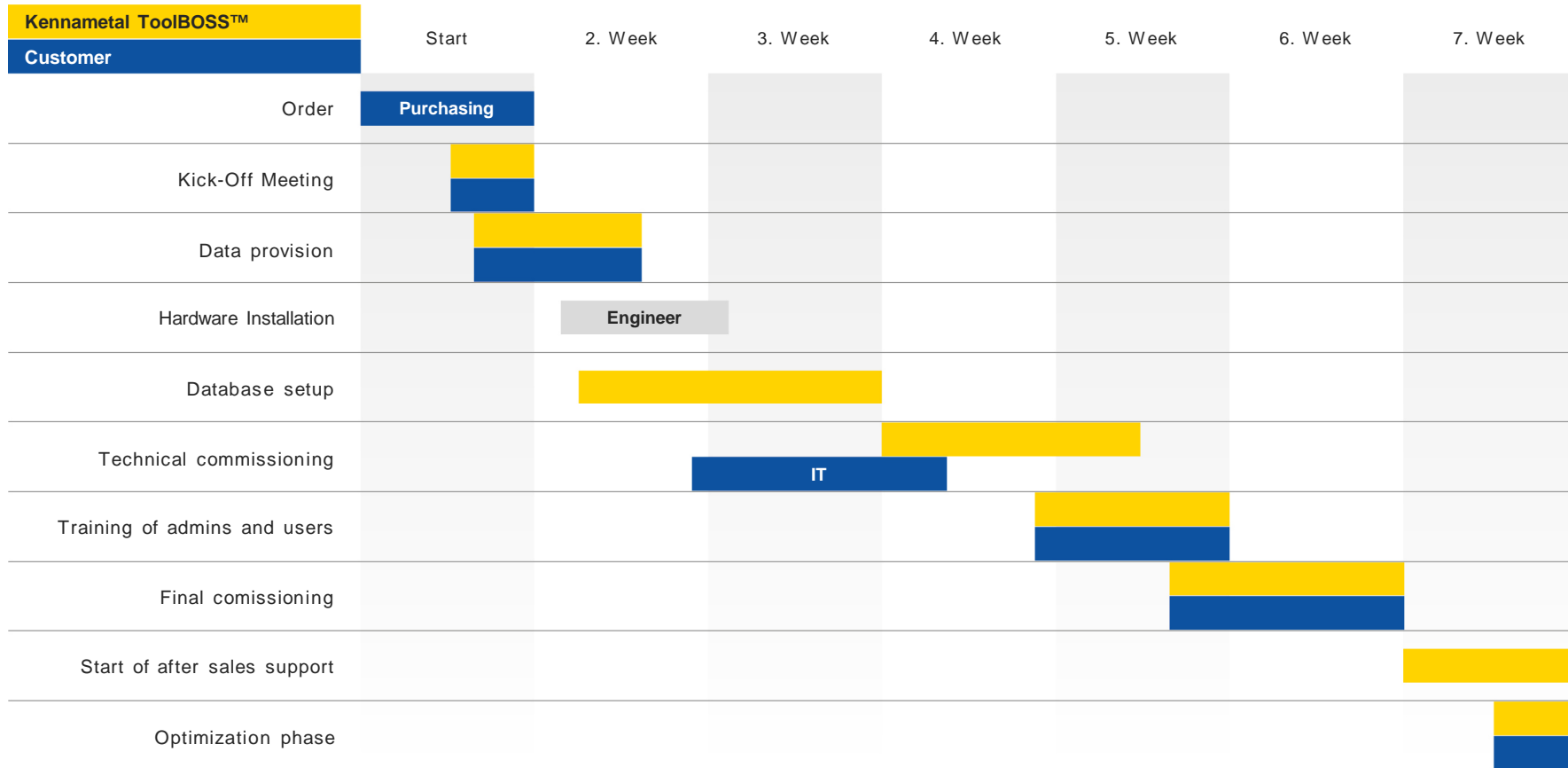
COSTS OPTIMIZATION

The costs transparency can be used to identify potential savings and lead to cost reductions via an action plan.
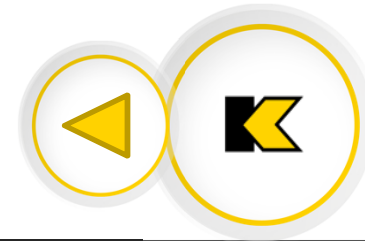
ToolBOSS™
PROJECT IMPLEMENTATION

Kennametal ToolBOSS™ Customer	Start	2. Week	3. Week	4. Week	5. Week	6. Week	7. Week
Order	Purchasing						
Kick-Off Meeting	■						
Data provision		■					
Hardware Installation		Engineer					
Database setup			■				
Technical commissioning			IT	■			
Training of admins and users					■		
Final comissioning						■	
Start of after sales support							■
Optimization phase							■

Operational readiness within 2 - 4 weeks possible.

ToolBOSS™
BUSINESS MODELS

SERVICE CONTRACT

DURATION 60 MONTHS

MONTHLY FEE
(Dependent on ordered configuration and sales development with Kennametal products)

PURCHASE CONTRACT

12 MONTHS
Warranty

CASH PAYMENT

MAINTENANCE CONTRACT
Optional to purchase contract

DURATION 24 MONTH
Automatic extension

ANNUAL FEE