Central Tool Management – around-the-clock

Guhring's TM Multi-Vend tool management system is a modular expandable automated system with electronically locked drawers for the storage of all types of tools. Thanks to the flexible composition of drawer heights and partitioning possibilities the TM Multi-Vend tool management system can be adapted to suit your specific requirements.

Operation with Guhring's TM software ensures a controlled storage and dispensing of the tools. Furthermore, the customer benefits from all evaluation and reporting possibilities of this intelligent software including the monitoring of minimum stock levels and automatic ordering.

Being an open system, the TM Multi-Vend tool management system is multiple supplier capable and, an ideal solution, not only for tool storage. Measuring and inspection instruments, assembly tools as well as expendable items can also be managed, stored and dispensed by this system to suit your needs.

Guhring's Multi-Vend Tool Management System offers a considerable saving potential

- reduction in ordering costs thanks to online connection

- reduction in tool procurement/administration personnel requirements

- reduction in capital expense and stock value thanks to optimised stock control

- no machine downtimes thanks to permanent and reliable tool availability

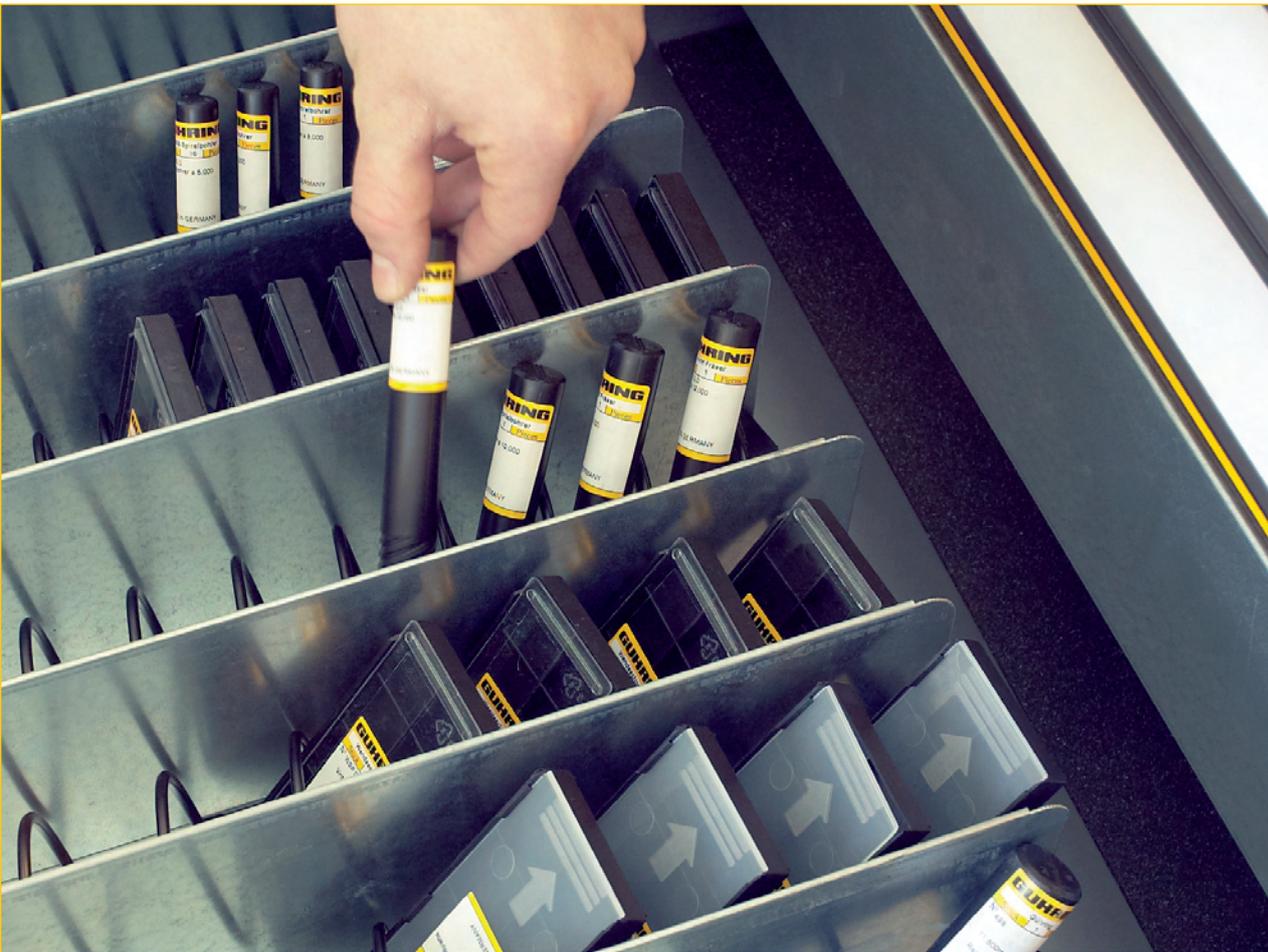**One system - many possibilities:**

Individual partitioning of the drawer heights to the customer configuration ensures that the TM Multi-Vend tool management system can be perfectly adapted to your storage requirements. Detailed information and dimensions can be found on page 7.

Spiral insert for single dispense

With immediate effect a spiral module for single item dispensing is available for the TM Multi-Vend Tool Management System. The selected tool is dispensed via a separate drawer. This module offers 100 % dispensing control.

NEW

Lockable compartments

Anti-slip mat

Recess sets

Compartment inserts

Partitions

**The basic configuration of
Guhring's TM Multi-Vend Tool Mangement System**

- electronically lockable tool administration system of sturdy sheet steel construction
- full extension drawers (loading capacity per drawer max. 180 kg)
- individual partitioning material for drawers
- Guhring TM software with touch-screen and bar code reader
- online link to several suppliers possible
- interfaces to external WWS/ERP systems
- PC with Microsoft operating system
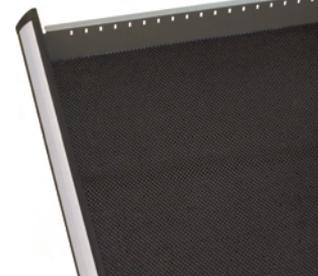- system extendable through add-on modules
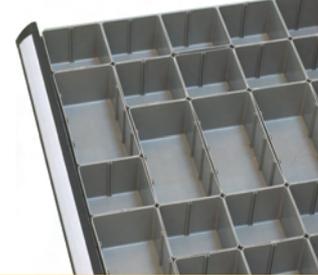
Tool withdrawal from the separate drawer

Various tool holders

"A good service is important to us."

Robert Koch GmbH, Tieringen

"The TM Multi-Vend Tool Management System is the optimal entry-level solution for us to add to our existing tool cabinets"

Robert Koch GmbH is a medium-sized company boasting a long tradition and specialising in the manufacture of highly accurate machined components. Tool storage was by conventional drawer cabinets, until the introduction of Guhring's TM Multi-Vend Tool Management System, however, without access and withdrawal control or a computer-assisted stock control.

Guhring's TM Multi-Vend Tool Management System is an intelligent addition to the existing tool cabinets. The tools continue to be stored in the existing tool cabinets but are managed via the TM Multi-Vend Tool Management System. The simple, but clever solution at Robert Koch: In the drawers with lockable storage compartments are not tools but keys togain access to the conventional tool cabinets. The key withdrawal and return via Guhring's TM Multi-Vend Tool

Management System allows an indirect monitoring of the stock movement. Subsequently, only a small initial investment in a relatively small TM system was required to keep all the tools under control.

The advantages for Robert Koch GmbH are considerable: Robert Koch appreciates the savings made in tool ordering and tool searching to one hour per day. In addition, the 'dead' stock in the company has disappeared considerably reducing capital commitment. Instead, the system software provides accurate information regarding stock levels and order requirements. In total, Robert Koch estimates the saving is in excess of 10 percent.
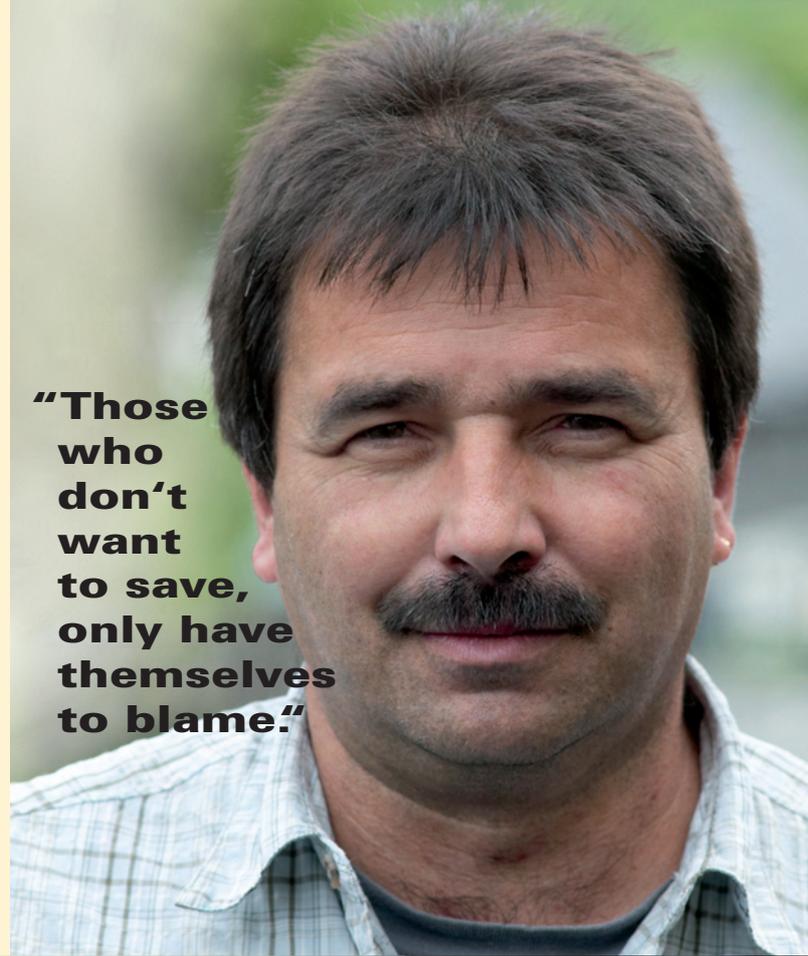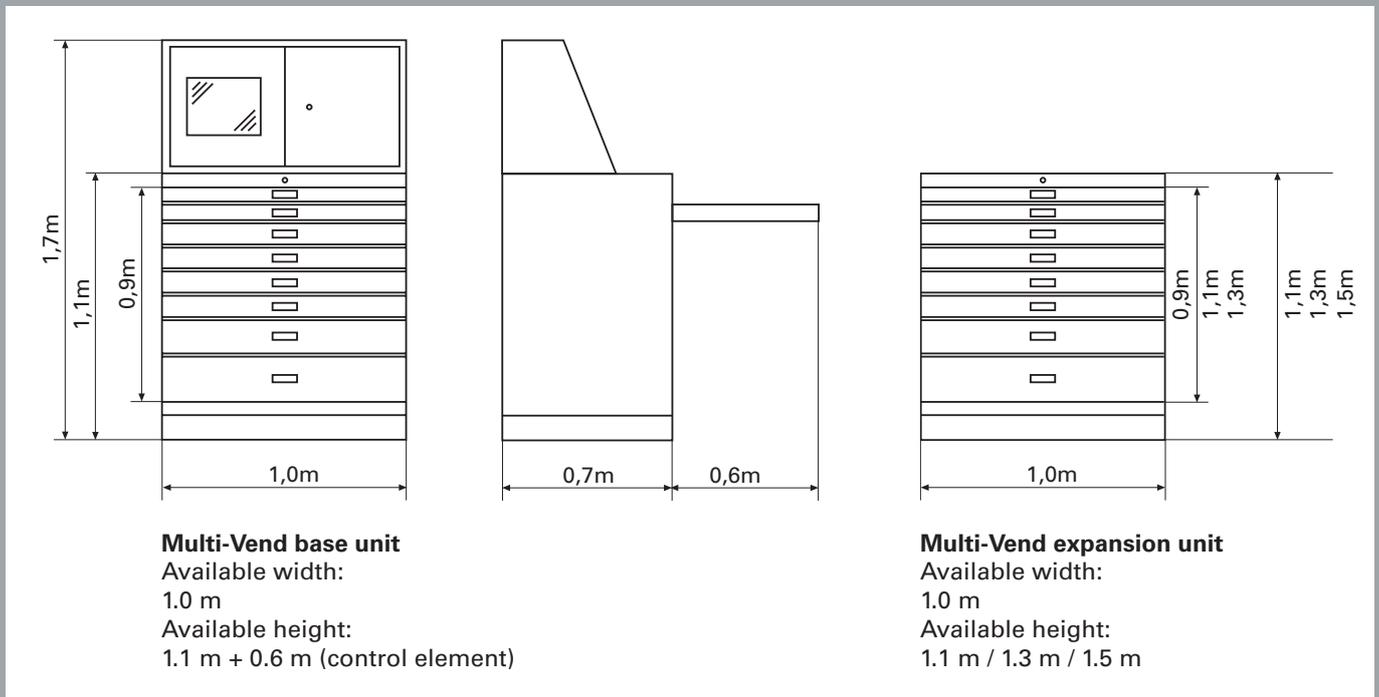
AFS Fördertechnik GmbH, Mudenbach

"The investment in the TM Multi-Vend Tool Management System should amortise within 5 years. We have reached this target in less than 3 years. Those who shy away from this investment only have themselves to blame!"

Horst Bender, owner of AFS Fördertechnik GmbH, manages his tools and measuring equipment with Guhring's TM Multi-Vend Tool Management system. He particularly values the permanent overview of stocks and withdrawals. The latter information is special interest with the measuring equipment requiring calibration or adjustment after a certain number of applications - information, provided without problem by the TM Multi-Vend Tool Management system. The permanent stock control simplifies the planning and tool ordering considerably: "I now take stock in 5 minutes, not in a week! Lack of tools, manual lists, chasing etc. are now things of the past."

"Those who don't want to save, only have themselves to blame."

Multi-Vend base unit
Available width:
1.0 m
Available height:
1.1 m + 0.6 m (control element)

Multi-Vend expansion unit
Available width:
1.0 m
Available height:
1.1 m / 1.3 m / 1.5 m

Standard drawers

Heights: 75 mm / 100 mm / 125 mm / 150 mm
200 mm / 250 mm / 300 mm

Partitioning material (see also page 3):
• anti-slip mat
• recess sets
• compartment inserts
• partitions
• various tool holder systems

Drawers with spiral insert

• drawer height: 150 mm
• spiral insert for a maximum of 10 spirals

additional requirement:
• withdrawal drawer with withdrawal shaft and
3 manually lockable compartments,
drawer height: 150 mm

Other
• forklift base with removable front panel
• operating voltage: 230 V / 50 Hz

Drawers with electronically locked storage compartments

Available drawer heights:
• 75 mm (effective height 50 mm)
• 100 mm (effective height 75 mm)
• 150 mm (effective height 125 mm)

Compartments per drawer	Internal dimensions width depth	Compartment layout width depth
48	109 mm x 75 mm	8 x 6
40	109 mm x 95 mm	8 x 5
32	109 mm x 125 mm	8 x 4
36	146 mm x 75 mm	6 x 6
24	146 mm x 125 mm	6 x 4
18	146 mm x 175 mm	6 x 3
24	220 mm x 75 mm	4 x 6
20	220 mm x 95 mm	4 x 5
16	220 mm x 125 mm	4 x 4
12	440 mm x 75 mm	2 x 6
8	440 mm x 125 mm	2 x 4