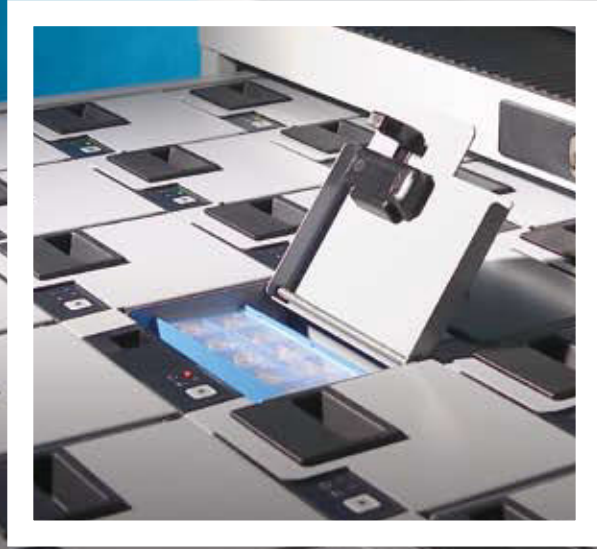


Tool keeper

workspace and storage Management



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KORLOY



Tool Keeper?



Tool Keeper is a total tool management system that manages the stock status of various tools, 24 hours a day, enabling a better stock management for the user.

Tool Keeper is relevant within the 4th industrial revolution, and helps manufacturing sites running efficiently.

Used where various tools are used and where tracing of current stock levels is required

1

2

3

Used where a number of tools have to be in optimal stock.

» Security

Log in: ID, finger print / individual access

» Tracing stock and release

User, line, facility, purpose, tool life

» Regrinding / used products

Track regrinded and used products

» High rigidity

Whole body made of metal

» Diverse size

23 kinds of drawers

» Monitoring by special PC

MS program

» Easy control

Simple program optimized for production sites



Used to prevent situations where a wrong item has been released by accident and may lead to a massive amount of defective products

Modular System

DRAWER CONTROL

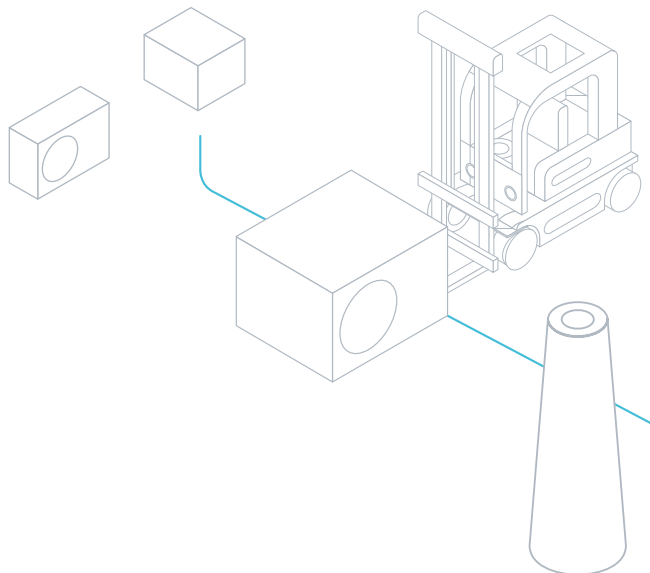
[Archived items]

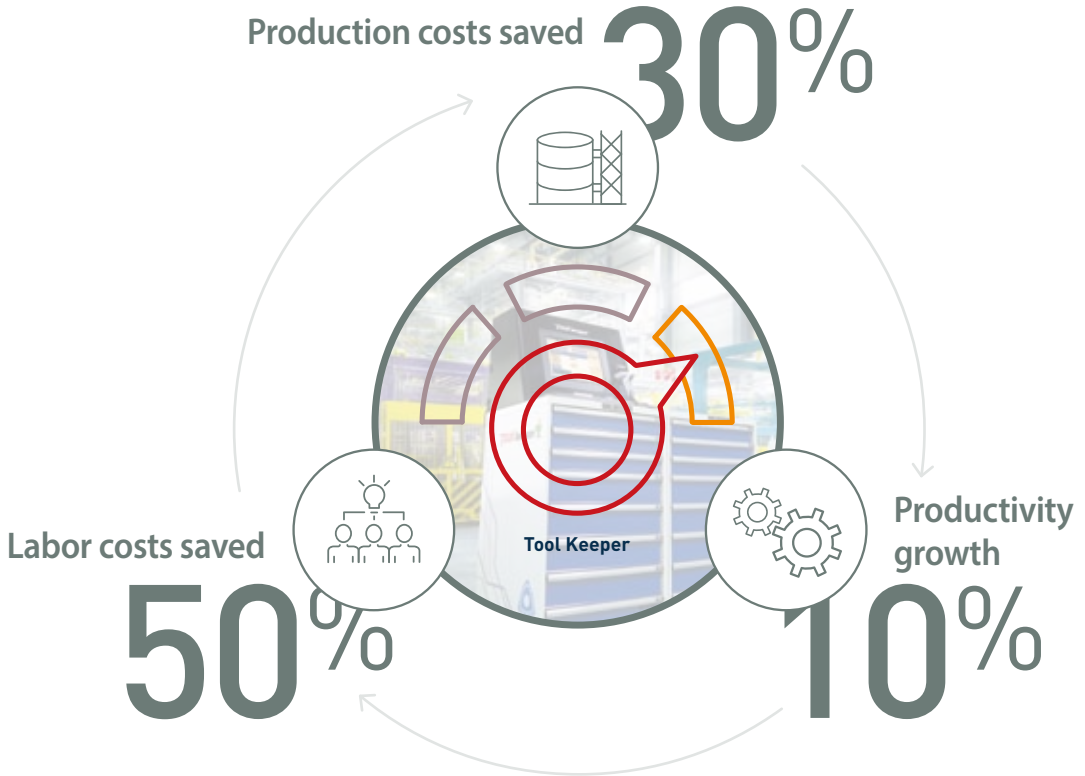
- Cutting tools
- Industrial tools
- Measuring instruments
- Spare parts
- Safety equipments

BIN CONTROL

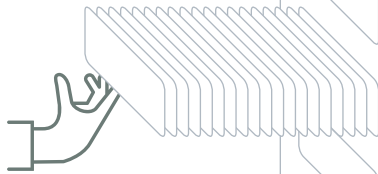
[Archived items]

- Cutting tools
 - Inserts
 - Drills/Endmills
 - Taps
 - Holders/Cutters





*Tool Keeper
Convenience*



- Reducing loss due to paper jobs
- Reducing backorder costs
- Minimizing labor and space for stock
- Clarity in application history
- Managing regrinded products
- Managing tools database
- Managing specific records per tool
- Preventing damaged products
- Intergrated network



Tool Keeper MS (Monitoring System)?

Manage enormous data through ToolKeeper's internal computer and monitor tool performance

Controlling

- Total control via a special computer
- Register products and save your database

Inventory management

- Calculates daily average use, item storage time, and manages optimal inventory
- Alerts stock shortage
- Emails your supplier with inventory control

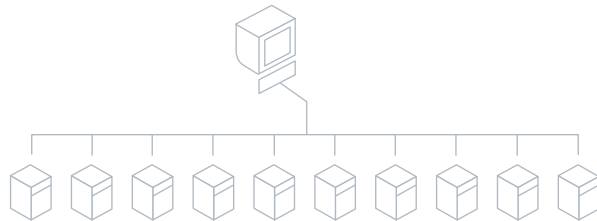
Managing application history

- Assess application history and monitor your:
 1. Spending on tools
 2. Individual tool cost
 3. Reasons of tool replacement
 4. Cost of line/facility
 5. Tool life of each item



Intergrated control

- MS-SQL DB server management program which can be connected to user's ERP or SAP. Make your purchasing control clearer!
- **An internal PC controls up to 10 tool keepers**



Tool Keeper Specifications

Tool Keeper dimensions

width x length x height(with monitor)

- 1) 717 x 725 x 1,350mm
- 2) 717 x 725 x 1,500mm
- 3) 717 x 725 x 1,650mm
- 4) 717 x 725 x 1,800mm
- 5) 717 x 725 x 2,100mm

Height information(mm)	Available drawer quantity(ea)		
	Total height	75	100
700	8	6	4
850	10	7	5
1000	12	9	6
1150	14	10	7
1450	18	13	9

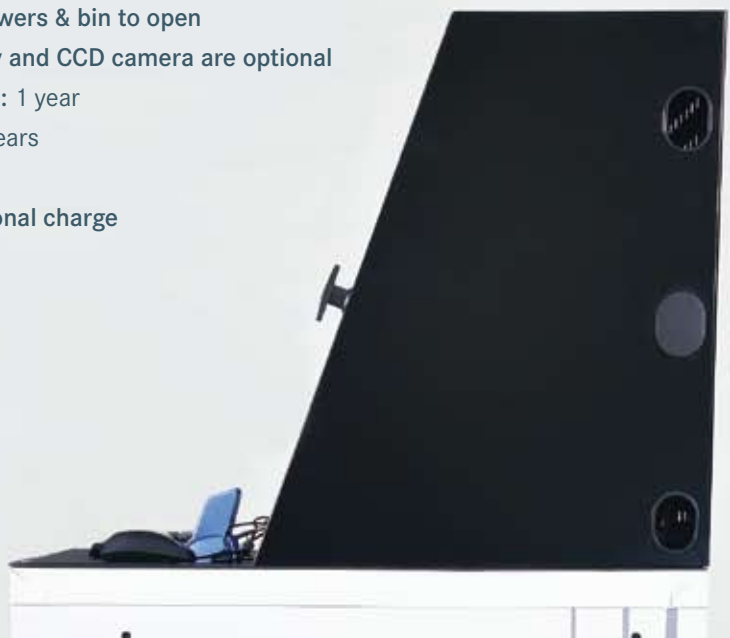
Configuration of Bin(23)

Bin configuration	No	BIN quantity(ea)			Bin internal dimensions(mm)		
		width	length	Total quantity	width	length	height
75mm	75-1	6	9	54	98	40.5	36
	75-2	6	8	48	98	48.5	36
	75-3	6	7	42	98	59.5	36
	75-4	6	6	36	98	74.5	36
	75-5	4	9	36	147.5	40.5	36
	75-6	6	4	24	98	123	36
	75-7	6	3	18	98	172.5	36
	75-8	2	9	18	296.5	40.5	36
	75-9	4	4	16	147.5	123	36
	75-10	6	2	12	98	271.5	36
	75-11	2	4	8	296.5	123	36
	75-12	1	6	6	594.5	74.5	36
100mm	100-1	6	6	36	98	74.5	61
	100-2	6	4	24	98	123	61
	100-3	6	3	18	98	172.5	61
	100-4	4	4	16	147.5	123	61
	100-5	6	2	12	98	271.5	61
	100-6	2	4	8	296.5	123	61
	100-7	1	4	4	594.5	123	61
150mm	150-1	4	4	16	147.5	123	111
	150-2	2	4	8	296.5	123	111
	150-3	2	2	4	296.5	271.5	111
	150-4	1	4	4	594.5	123	111



Sortation	KORLOY	Third-party
characteristic	Steel Plate	Plastic
Loading weight	200kg	50kg

- Overall weight : Max 250kg
- Tool Keeper can manage up to 100 drawers and 1,000 bins per monitor
- Voltage : 220 VAC \pm 10%
- Private network management by LAN or Wi-Fi
- Unlock-key included for drawers & bin to open
- Uninterrupted power supply and CCD camera are optional
- Warranty for control device : 1 year
- Warranty for hardware : 5 years
- Damage caused by misuse, will be covered at an additional charge





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