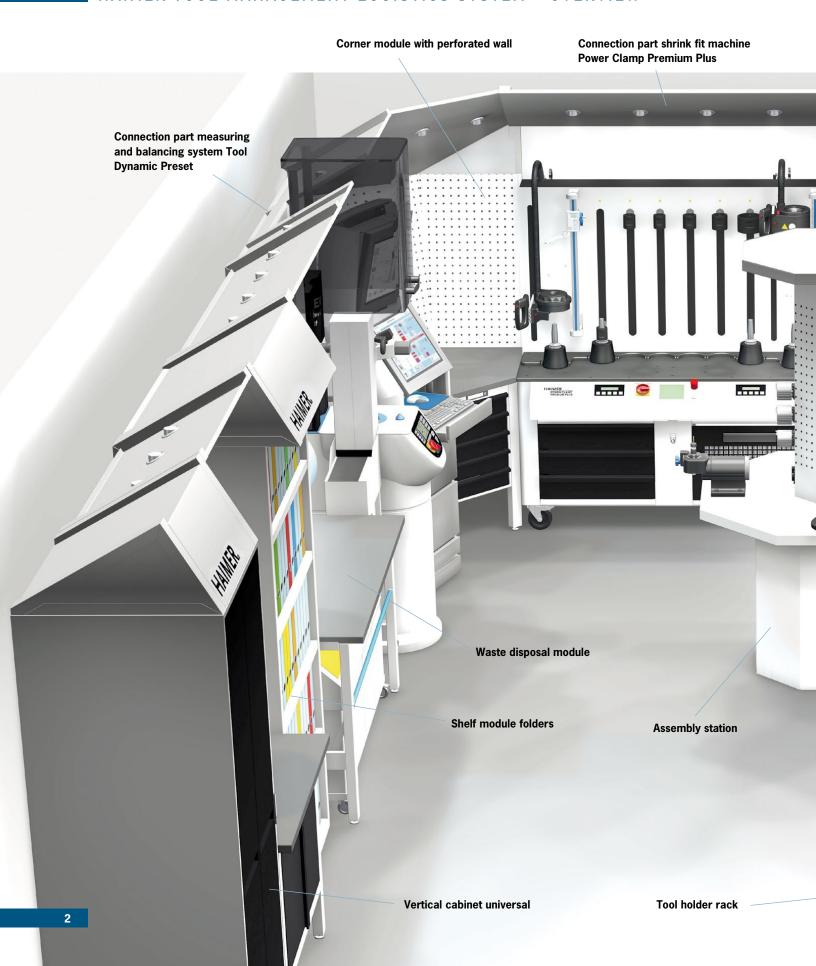








### HAIMER TOOL MANAGEMENT LOGISTICS SYSTEM - OVERVIEW





### TOOL MANAGEMENT - FOR EFFICIENT WORKING



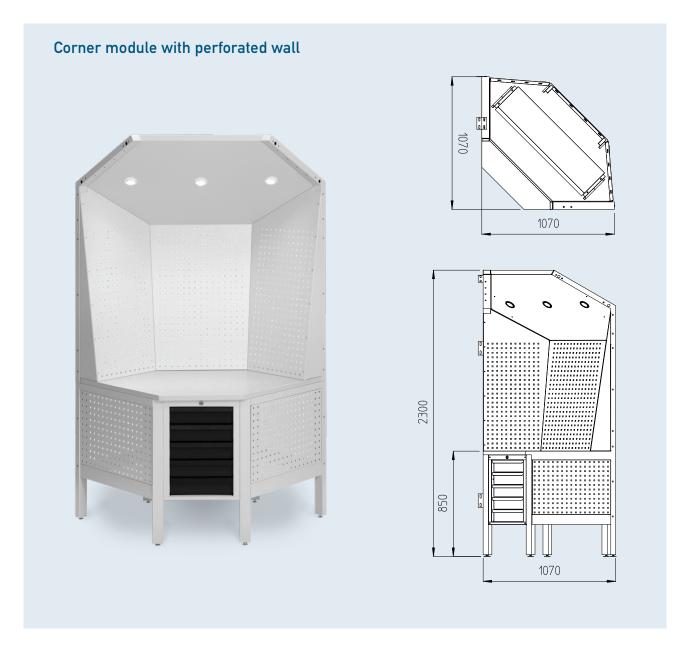
### Use:

The HAIMER Tool Management completes the HAIMER product program as a system partner around tool clamping. That means HAIMER offers the complete Tool Management equipment from a single source. As a complete solution for tool presetting and tool management, the HAIMER Tool Management provides you with functional and ergonomic criteria for the design of work stations.

The storage, setup and management of tools is simplified and optimized by the HAIMER solutions so that efficient working is guaranteed.

- Modular room design according to the customer's requirements
- Shrinking, balancing and presetting already integrated into the concept
- Tidy and isolated solution for concentrated working

### **CORNER MODULE**



### Use:

The perforated back wall and drawer unit provide a clean and structured workspace. The three integrated LED spots ensure a continually bright and comfortable working atmosphere.

### Delivery includes:

- Corner module with a perforated wall, roof with LED lighting, drawer unit

Description	Order No.
Corner module 4.0	84.802.00.3

### **WORKBENCH ASSEMBLY MODULE**



### Use:

- Freely configurable workbench
- Individual delivery by using a predefined modular system

### Delivery includes:

– Standard equipment includes perforated back wall, 4 LED spots and 4 x 230 V power outlets

Description	Order No.
Workbench assembly module	84.801.00.3

### WORKBENCH ASSEMBLY MODULE - CONFIGURATIONS



Configurations	Order No.
Workbench assembly module with perforated wall	84.801.00.3
Workbench assembly module with drawer cupboard	84.801.01.3
Workbench assembly module with PC holder and screen holder	84.801.02.3
Workbench assembly module with PC holder, screen holder and drawer cupboard	84.801.03.3
Workbench assembly module with paper dispenser	84.801.04.3
Workbench assembly module with drawer cupboard and paper dispenser	84.801.05.3
Workbench assembly module with drawer cupboard, paper dispenser, PC holder and screen holder	84.801.06.3
Workbench assembly module with waste disposal module	84.801.07.3
Workbench assembly module with waste disposal module and paper dispenser	84.801.08.3
Workbench module – dropped for Power Clamp Premium	84.807.00.3

### **MAGAZINE CABINET**



### Use:

Magazine cabinet for proper storage of tools (inserts, shank tools etc.) and small parts. The perforated wall helps for a clear arrangement of (mounting) tools. Ergonomical working height at 1.20 m.

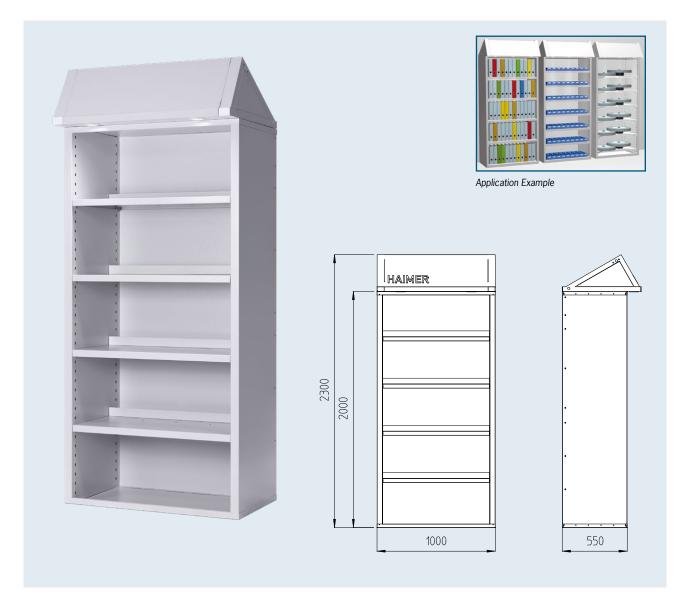
### Delivery includes:

- Magazine cabinet with a standing work area, perforated wall and 4 LED Spots
- -11 drawers

Description	Order No.
Magazine cabinet	84.804.00.3

Accessories	Order No.
12 pcs. Drawer equipment (plastic blue) sufficient for 1 drawer at the magazine cabinet	84.810.14
24 pcs. Divider for drawer equipment (synthetic material)	84.810.15

### SHELF MODULE



### Use:

Shelf module with hood for proper storage of accessories.

### Delivery includes:

- Equipped as standard with 4 shelf cabinets and 2 LED Spots- Optional: additional shelf cabinet, shelf cabinet for grinding wheels

Description	Order No.
Shelf module with hood	<u>84.805.01.3</u>

Accessories	Order No.
Shelf for shelf cabinet with stop bar	<u>84.805.00.01.3</u>
Shelf for grinding wheels for shelf cabinet to hold 2 grinding wheels	84.805.00.03.3

### VERTICAL CABINET UNIVERSAL



### Use:

Pullout cabinets with perforated walls can be equipped on both sides and provide a clean storage area for tools or auxiliary tools. The accessibility from both sides facilitates the removal and localization of the needed tool.

### Delivery includes:

 Vertical cabinet Universal with 2 perforated panel extracts (can be equipped on both sides)

Description	Order No.
Vertical cabinet Universal	<u>84.805.06.3</u>

### **VERTICAL CABINET TOOL HOLDER**



### Use:

Safe and space-saving storage of tool holders of all interfaces, if necessary with clamped cutting tools. Good accessibility from both sides of the pullouts.

### Delivery includes:

- Vertical cabinet for tool holders with 4 pullout cabinets
- Additionally available shelf units provide a clean, save and space-saving storage for your tool holders

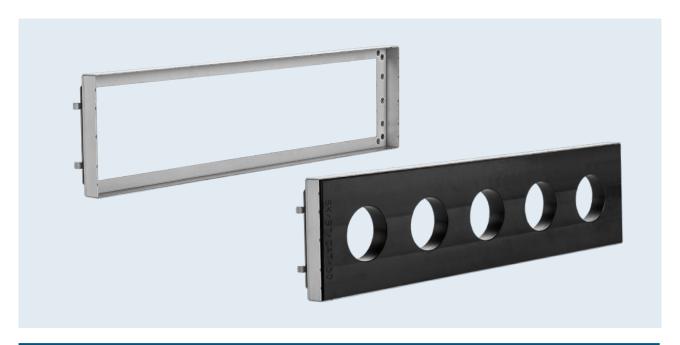
Description	Order No.
Vertical cabinet tool holder	<u>84.805.07.3</u>

Accessories	Order No.
Shelves for vertical cabinet	See page 13

### VERTICAL CABINET TOOL HOLDER - APPLICATION EXAMPLE

# This is how you store your tool holders and accessories correctly. HAIMER HAIMER

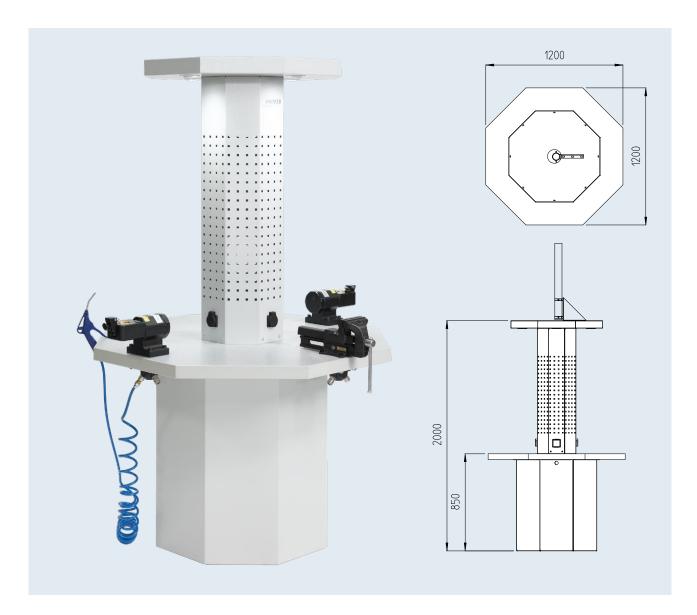
### **VERTICAL CABINET TOOL HOLDER - SHELVES**



Description	Order No.
Frame to hold the shelves in the 4-fold vertical cabinet	<u>84.805.07.01</u>
Frame to hold the shelves in the 2-fold vertical cabinet	<u>84.805.07.02</u>
Frame to hold the shelves in the 2-fold vertical cabinet (extra wide)	<u>84.805.07.03</u>
Shelf SK/BT/CAT	
Shelf to hold 12 SK30/BT30/CAT30 holders	<u>84.805.07.032</u>
Shelf to hold 4 SK40/BT40/CAT40 holders	<u>84.805.07.040</u>
Shelf to hold 6 SK40/BT40/CAT40 holders	<u>84.805.07.041</u>
Shelf to hold 12 SK40/BT40/CAT40 holders	84.805.07.042
Shelf to hold 4 SK50/BT50/CAT50 holders	84.805.07.050
Shelf to hold 5 SK50/BT50/CAT50 holders	84.805.07.051
Shelf HSK	
Shelf to hold 16 HSK-A/C/E 32 holders	<u>84.805.07.132</u>
Shelf to hold 16 HSK-A/C/E 40 holders	84.805.07.140
Shelf to hold 4 HSK-A/C/E 40 holders	84.805.07.141
Shelf to hold 12 HSK-A/C/E 50 holders	84.805.07.150
Shelf to hold 4 HSK-A/C/E 63 holders	84.805.07.163
Shelf to hold 6 HSK-A/C/E 63 holders	<u>84.805.07.164</u>
Shelf to hold 12 HSK-A/C/E 63 holders	<u>84.805.07.165</u>
Shelf to hold 5 HSK-A/C/E 80 holders	<u>84.805.07.181</u>
Shelf to hold 4 HSK-A/C/E 100 holders	84.805.07.110
Shelf to hold 5 HSK-A/C/E 100 holders	<u>84.805.07.111</u>
Shelf to hold 4 HSK-A/C/E 125 holders	84.805.07.125
Other Shelves	
Shelf to hold 12 PSC 32 holders	<u>84.805.07.230</u>
Shelf to hold 12 PSC 40 holders	<u>84.805.07.240</u>
Shelf to hold 12 PSC 50 holders	<u>84.805.07.250</u>
Shelf to hold 6 PSC 63 holders	84.805.07.260
Shelf to hold 4 VDI25 holders	<u>84.805.07.325</u>
Shelf to hold 4 VDI40 holders	84.805.07.340
Shelf to hold 5 Makino F-80 holders	84.805.07.680
Shelf to hold 3 balancing adapter	<u>84.805.07.401</u>
Shelf without plain (extra wide)	84.805.07.801

Further shelves available upon request

### **ASSEMBLY STATION**



### Use:

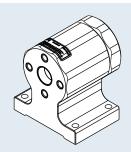
- 360° accessible assembly area
- Middle column with perforated tin wall equipped with 3 x 230 V sockets and 4 LED spots
- The assembly station is perfectly suited for a peripheral, space-saving
  placement next to the machining center or centrally in the tool assembly room
- Heavy Duty workplace

### Delivery includes:

- 4 double compressed air connections
- -4 LED lighting spots

Description	Order No.
Assembly station	84.803.00.3

### **ASSEMBLY STATION - ACCESSORIES**





### Tool Clamp - Tool-assembly device:

- Secure tool assembly with minimal physical effort
- Quick-change function for different taper interfaces without additional tools
- Accident-free assembly of cutting tools
- Elastic locking bolt

- Mechanical security pin
- Better tool clamping, thanks to optimum ergonomics
- Replaceable brass inserts protect the taper surface
- Required space 140 x 100 mm



Tool Clamp



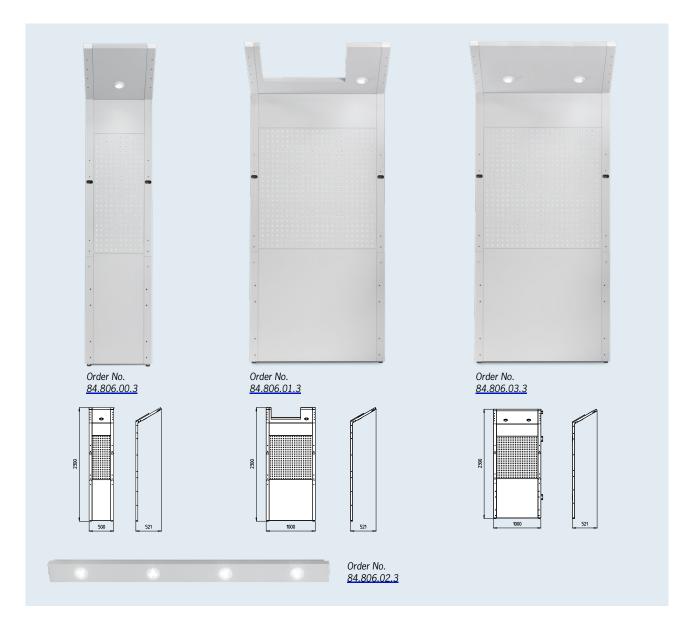
Tool holder SK



Vice

Tool Clamp – without tool holder, 4 x 90° indexable		
Order No.		84.700.00
Tool holder SK (DIN/MAS-BT/CAT)		
Order No.	Туре	
<u>84.701.30</u>	SK/ISO 30	
<u>84.701.40</u>	SK/ISO 40	
<u>84.701.50</u>	SK/ISO 50	
Tool holder HSK-A (DIN 69893/1)		
Order No.	Туре	
84.702.40	HSK-A40	
<u>84.702.50</u>	HSK-A50	
<u>84.702.63</u>	HSK-A63	
<u>84.702.80</u>	HSK-A80	
<u>84.702.10</u>	HSK-A100	
Tool holder HSK-C/HSK-E (DIN 69893/1)		
Order No.	Туре	
<u>84.703.32</u>	HSK-C/E32	
<u>84.703.40</u>	HSK-C/E40	
<u>84.703.50</u>	HSK-C/E50	
<u>84.703.63</u>	HSK-C/E63	
<u>84.703.80</u>	HSK-C/E80	
Tool holder HSK-F		
Order No.	Туре	
<u>84.704.63</u>	HSK-F63	
84.704.80.M	HSK-F80 MAKINO	
Tool holder PSC		
Order No.	Туре	
<u>84.705.40</u>	PSC 40	
<u>84.705.50</u>	PSC 50	
<u>84.705.60</u>	PSC 63	
Tool holder KM4X100		
Order No.	Туре	
84.706.4X.100	KM4X	
Vice		
Order No.		84.810.22

### **CONNECTION PARTS**



### Use:

- Intermediate segment in order to connect the individual modules
- Each intermediate segment is equipped with a perforated wall and lighting spots

Description	Order No.
Connection part	
Connection part 50 cm wide with 1 LED spot and perforated plate	84.806.00.3
Connection part 100 cm wide with 2 LED spots and perforated plate for TD Preset	84.806.01.3
Connection part 100 cm wide with 2 LED spots and perforated plate	84.806.03.3
Light Bar superstructure for Power Clamp Premium Plus	84.806.02.3

### TOOL HOLDER CART



### Use:

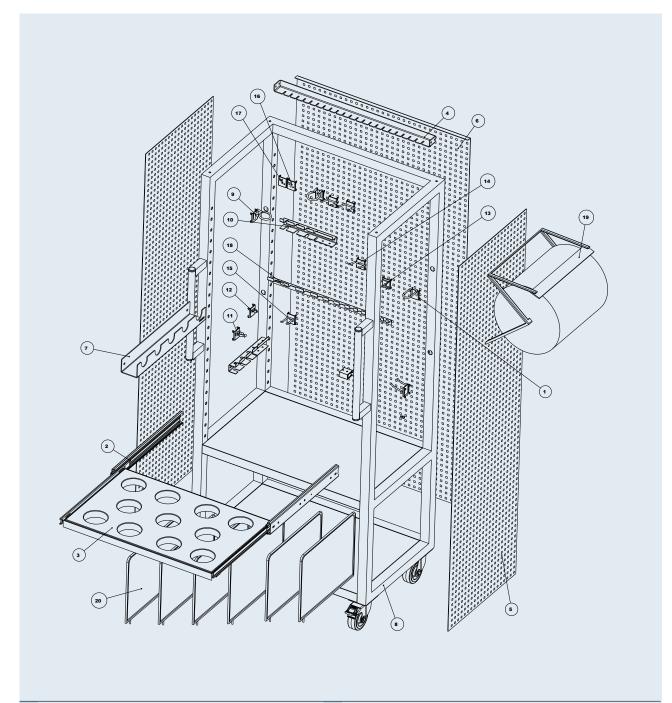
- Standard frame with four wheels, brakes and two handles
- Individual delivery by using a predefined modular system
- Safe transportation of tools and accessories to the machine
- More organization in the machine area
- More clearly arranged than commercially available tool carts
- Tool cart for grinding wheel adapters (held using standard size gripper grooves)
- Tool cart works for any tool used at the machine, no matter if it has an internal hexagon, external hexagon, hook wrench, rubber mallet, gauge etc.
- Tool cart for balancing machine accessories to hold balancing adapters, HG collets etc.

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## TOOL HOLDER CART



### TOOL HOLDER CART DESIGN



1	Pliers holder 7x40	11	Tool clip Ø 25 mm
2	Drawer slide	12	Tool clip Ø 12 mm
3	Shelf for balancing adapters	13	Articulated wrench hook (28 mm x Ø 3 mm)
4	Shelf for collets	14	Double hook (50 mm x 40 mm)
5	Perforated plate long version (side)	15	Double hook (55 mm x 25 mm)
6	Perforated plate long version (back)	16	Hook (24 mm x Ø 5)
7	Shelf for tool holders	17	Hook (22 mm x Ø 3)
8	Base cart	18	Screw wrench holder
9	Ring holder (inside Ø 40 mm)	19	Paper dispenser (without paper roll)
10	Screwdriver holder	20	Partition wall

# TOOL HOLDER CART - ACCESSORIES SHELVES

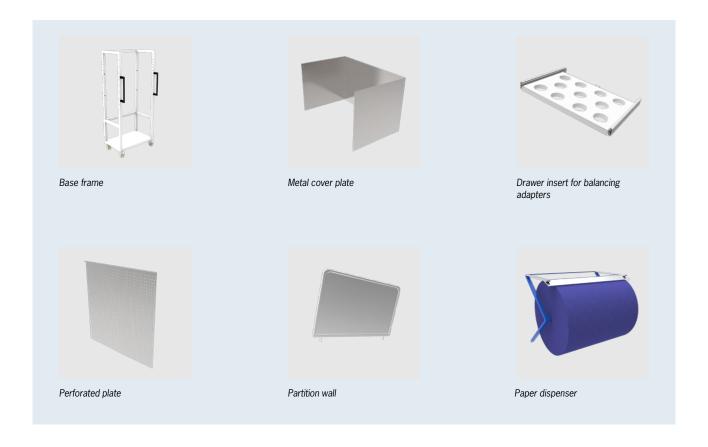


### Use:

- Shelves for safe tool holder fixture

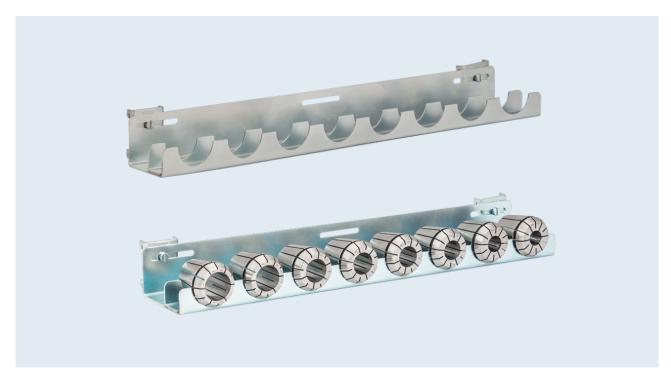
Description	Order No.
Shelves for tool holder cart	
8 pieces without plain	84.808.00.01
Shelves SK	
SK30: 8 pcs. for 5 pcs. tool holders each	<u>84.808.00.030</u>
SK40: 8 pcs. for 5 pcs. tool holders each	84.808.00.040
SK50: 8 pcs. for 4 pcs. tool holders each	84.808.00.050
Shelves BT	
BT30: 8 pcs. for 5 pcs. tool holders each	<u>84.808.00.130</u>
BT40: 8 pcs. for 4 pcs. tool holders each	<u>84.808.00.140</u>
BT50: 8 pcs. for 4 pcs. tool holders each	84.808.00.150
Shelves CAT	
CAT40: 8 pcs. for 4 pcs. tool holders each	<u>84.808.00.240</u>
CAT50: 8 pcs. for 4 pcs. tool holders each	<u>84.808.00.250</u>
Shelves HSK	
HSK-A/E 32: 8 pcs. for 5 pcs. tool holders each	<u>84.808.00.332</u>
HSK-A/E/F 40: 8 pcs. for 5 pcs. tool holders each	84.808.00.340
HSK-A/E/F 50: 8 pcs. for 5 pcs. tool holders each	<u>84.808.00.350</u>
HSK-A/E/F 63: 8 pcs. for 5 pcs. tool holders each	84.808.00.363
HSK-A/E/F 80: 8 pcs. for 4 pcs. tool holders each	84.808.00.380
HSK-A 100: 8 pcs. for 4 pcs. tool holders each	84.808.00.310
Shelves PSC 63	
PSC 63: 8 pcs. for 5 pcs. tool holders each	84.808.00.460

### TOOL HOLDER CART - ACCESSORIES



Description	Order No.
Perforated plate	
Back long	<u>140056-0013</u>
Back short	140056-0009
Side long	140056-0014
Side short	140056-0010
Metal cover plate	
Long	<u>140056-0008</u>
Short	140956-0005
Drawer insert for balancing adapters	
Angle plate frame	<u>140056-0006</u>
Shelf	140056-0007
Drawer slide	140956-0006
Partition wall	
Partition wall (6 piece bottom plate)	<u>140056-0015</u>
Paper dispenser	
Paper dispenser without paper roll	<u>84.810.23</u>

# PERFORATED PLATE - ACCESSORIES HOLDER RACKS

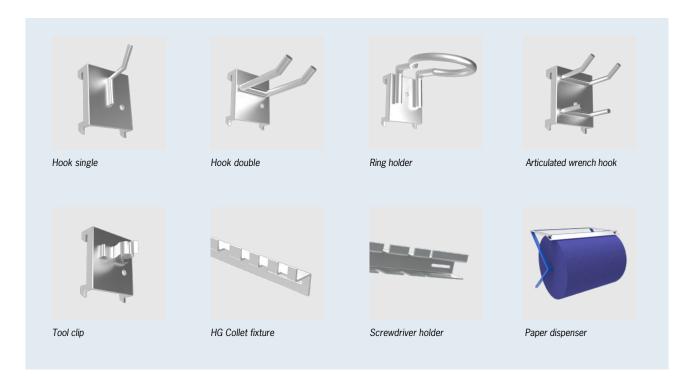


### Use:

- Holder racks for secure storage of collets

Description	Order No.
Holder Racks for ER Collets	
Holder rack for 21 pcs. ER11 collets	84.809.011
Holder rack for 17 pcs. ER16 Collets and ER16 Power Collets	<u>84.809.016</u>
Holder rack for 12 pcs. ER20 collets	84.809.020
Holder rack for 12 pcs. ER25 Collets and ER25 Power Collets	<u>84.809.025</u>
Holder rack for 11 pcs. ER32 Collets and ER32 Power Collets	84.809.032
Holder rack for 8 pcs. ER40 collets	84.809.040
Holder Racks for OZ Collets	
Holder rack for 15 pcs. OZ collets Ø 2-16 mm	<u>84.809.116</u>
Holder rack for 11 pcs. OZ collets Ø 2-25 mm	84.809.125
Holder rack for 8 pcs. OZ collets Ø 6–32 mm	84.809.132
Holder rack for 7 pcs. OZ collets Ø 8–40 mm	84.809.140
Holder rack for 6 pcs. OZ collets Ø 4–50 mm	84.809.150
Holder Racks for HG Collets	
Holder rack for 16 pcs. HG01 collets	<u>84.809.201</u>
Holder rack for 16 pcs. HG02 collets	84.809.202
Holder rack for 13 pcs. HG03 collets	84.809.203

### **ACCESSORIES**



Accessories for perforated plate         8.4.8.10.02           Hook single Ø 3 mm         8.4.810.02           Hook double 55 x 25 mm         8.4.810.03           Hook double 50 x 40 mm         8.4.810.04           Articulated wrench hook         8.4.810.05           Tool clip Ø 12 mm         8.4.810.07           Ring holder         8.4.810.07           Base holder         8.4.810.02           Screwdriver holder for 6 screwdrivers         8.4.810.10           Wrenchholder for 12 wrenches         8.4.810.11           Holder for clear film         8.4.810.12           Storage place (440 mm x 300 mm x 100 mm)         8.4.810.13           Piers holder         8.4.810.13           Paper dispenser (without paper roll)         8.4.810.12           IC Collet fixture         14005±0005           Accessories for electronics         8.8.811.02           Electronic connection set with transformer         8.8.811.02           Lamp         14005±0111           Lamp socket         14005±0111           Lamp socket         14005±0111           Lamp socket         14005±0111           Starter set fire gower outlets available on request           Starter set medium         8.4.810.17           Starter set mini <t< th=""><th>Description</th><th>Order No.</th></t<>	Description	Order No.
Hook single Ø 5 mm         84.810.02           Hook double 55 x 25 mm         84.810.03           Hook double 50 x 40 mm         84.810.04           Articulated wrench hook         84.810.05           Tool clip Ø 12 mm         84.810.06           Tool clip Ø 15 mm         84.810.08           Base holder         84.810.08           Base holder         84.810.09           Screwdriver holder for 6 screwdrivers         84.810.10           Wrenchholder for 12 wrenches         84.810.13           Holder for clear film         84.810.13           Storage place (440 mm x 300 mm x 100 mm)         84.810.13           Paper dispenser (without paper roll)         84.810.13           Piers holder         84.810.13           Accessories for electronics         140056-0005           Electronic connection set with transformer         84.810.10           Transformer         140051-010           Lamp         140051-011           Lamp socket         140051-011           Lamp socket         140051-011           Pies est for cable laying (Electric/Air)         84.810.17           Starter set min         84.810.17           Starter set medium         84.810.17           Starter set medium         84.810.17	Accessories for perforated plate	
Hook double 55 x 25 mm         84.810.03           Hook double 50 x 40 mm         84.810.04           Articulated wrench hook         84.810.05           Tool clip Ø 12 mm         84.810.07           Ring holder         84.810.09           Base holder         84.810.09           Screwdriver holder for 6 screwdrivers         84.810.09           Screwdriver holder for 6 screwdrivers         84.810.10           Wrenchholder for 12 wrenches         84.810.11           Holder for clear film         84.810.13           Storage place (440 mm x 300 mm x 100 mm)         84.810.13           Pilers holder         84.810.13           Pliers holder         84.810.13           Paper dispenser (without paper roll)         84.810.23           HG Collet fixture         84.810.02           Accessories for electronics         84.810.02           Electronic connection set with transformer         84.810.00           Lamp         84.810.01           Lamp (socket)         140051-0110           Pipe set for cable laying (Electric/Air)         84.810.10           Country-specific power outlets available on request         84.810.17           Starter set medium         84.810.17           Starter set medium         84.810.17	Hook single Ø 3 mm	<u>84.810.01</u>
Hook double 50 x 40 mm	Hook single Ø 5 mm	<u>84.810.02</u>
Articulated wrench hook         84.810.05           Tool clip Ø 12 mm         84.810.06           Tool clip Ø 15 mm         84.810.07           Ring holder         84.810.08           Base holder         84.810.09           Screwdriver holder for 6 screwdrivers         84.810.10           Wrenchholder for 12 wrenches         84.810.11           Holder for clear film         84.810.13           Storage place (440 mm x 300 mm x 100 mm)         84.810.13           Piers holder         84.810.16           Paper dispenser (without paper roll)         84.810.23           HG Collet fixture         140056-0005           Accessories for electronics           Electronic connection set with transformer         84.811.00           Lamp         140051-010           Lamp         140051-011           Lamp socket         140051-011           Limp socket         140051-011           Country-specific power outlets available on request         Starter set           Starter set mini         84.810.17           Starter set medium         84.810.17           Starter set medium         84.810.17           Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad f	Hook double 55 x 25 mm	<u>84.810.03</u>
Tool clip Ø 12 mm         84.810.06           Tool clip Ø 15 mm         84.810.07           Ring holder         84.810.09           Base holder         84.810.09           Screwdriver holder for 6 screwdrivers         34.810.10           Wrenchholder for 12 wrenches         84.810.11           Holder for clear film         84.810.12           Storage place (440 mm x 300 mm x 100 mm)         34.810.13           Pilers holder         84.810.16           Paper dispenser (without paper roll)         84.810.23           HG Collet fixture         140056-0005           Accessories for electronics           Electronic connection set with transformer         34.811.00           Lamp         140051-0108           Lamp         140051-0111           Lamp socket         140051-0110           Pipe set for cable laying (Electric/Air)         34.811.10           Country-specific power outlets available on request         Starter set           Starter set mini         84.810.17.1           Starter set medium         84.810.17.1           Starter set tmini         84.810.17.2           Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.8	Hook double 50 x 40 mm	<u>84.810.04</u>
Tool clip Ø 15 mm         84.810.07           Ring holder         84.810.08           Base holder         84.810.09           Screwdriver holder for 6 screwdrivers         84.810.10           Wrenchholder for 12 wrenches         84.810.11           Holder for clear film         84.810.13           Storage place (440 mm x 300 mm x 100 mm)         84.810.13           Paper dispenser (without paper roll)         84.810.16           Paper dispenser (without paper roll)         84.810.00           HG Collet fixture         140056-0005           Accessories for electronics           Electronic connection set with transformer         84.811.00           Transformer         140051-0118           Lamp         140051-0111           Lamp socket         140051-0110           Pipe set for cable laying (Electric/Air)         84.811.10           Country-specific power outlets available on request         Starter set           Starter set medium         84.810.17           Starter set medium         84.810.17           Starter set medium         84.810.17           Work pads         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad for corner module (transparent, soft PVC)	Articulated wrench hook	<u>84.810.05</u>
Ring holder         84.810.08           Base holder         34.810.09           Screwdriver holder for 6 screwdrivers         84.810.10           Wrenchholder for 12 wrenches         84.810.11           Holder for clear film         84.810.13           Storage place (440 mm x 300 mm x 100 mm)         34.810.13           Piers holder         84.810.16           Paper dispenser (without paper roll)         84.810.23           HG Collet fixture         140056-0005           Accessories for electronics         2           Electronic connection set with transformer         84.811.00           Transformer         140051-0108           Lamp         140051-0111           Lamp socket         140051-0110           Pipe set for cable laying (Electric/Air)         84.811.10           Country-specific power outlets available on request         5           Starter set mini         84.810.17           Starter set medium         84.810.17           Starter set rege         84.810.17           Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.19	Tool clip Ø 12 mm	<u>84.810.06</u>
Base holder         84.810.09           Screwdriver holder for 6 screwdrivers         34.810.10           Wrenchholder for 12 wrenches         84.810.11           Holder for clear filin         84.810.12           Storage place (440 mm x 300 mm x 100 mm)         84.810.12           Pilers holder         84.810.16           Paper dispenser (without paper roll)         84.810.23           HG Collet fixture         140056-0005           Accessories for electronics           Electronic connection set with transformer         84.811.00           Transformer         140051-0118           Lamp         140051-0110           Pipe set for cable laying (Electric/Air)         84.811.10           Country-specific power outlets available on request         84.810.17           Starter set mini         84.810.17           Starter set medium         84.810.17           Starter set large         84.810.17           Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.19	Tool clip Ø 15 mm	<u>84.810.07</u>
Screwdriver holder for 6 screwdrivers         84.810.10           Wrenchholder for 12 wrenches         84.810.11           Holder for clear film         34.810.12           Storage place (440 mm x 300 mm x 100 mm)         84.810.13.3           Pliers holder         84.810.16           Paper dispenser (without paper roll)         84.810.23           HG Collet fixture         140056-0005           Accessories for electronics         Electronic connection set with transformer           Electronic connection set with transformer         84.811.00           Transformer         140051-0108           Lamp         140051-0111           Lamp socket         140051-0110           Pipe set for cable laying (Electric/Air)         84.811.10           Country-specific power outlets available on request         Starter Sets           Starter set mini         84.810.17           Starter set medium         84.810.17.1           Starter set large         84.810.17.2           Work pad         84.810.18           Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.19	Ring holder	<u>84.810.08</u>
Wrenchholder for 12 wrenches         84.810.11           Holder for clear film         84.810.12           Storage place (440 mm x 300 mm x 100 mm)         84.810.13.3           Pliers holder         84.810.16           Paper dispenser (without paper roll)         84.810.23           HG Collet fixture         140056-0005           Accessories for electronics           Electronic connection set with transformer         84.811.00           Transformer         140051-0108           Lamp         140051-0111           Lamp socket         140051-0110           Pipe set for cable laying (Electric/Air)         84.811.10           Country-specific power outlets available on request         Starter Set           Starter set mini         84.810.17           Starter set medium         84.810.17           Starter set large         84.810.17           Work pad         84.810.17.2           Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.19	Base holder	<u>84.810.09</u>
Holder for clear film	Screwdriver holder for 6 screwdrivers	<u>84.810.10</u>
Storage place (440 mm x 300 mm x 100 mm)         84.810.13.3           Pliers holder         84.810.16           Paper dispenser (without paper roll)         84.810.23           HG Collet fixture         140056-0005           Accessories for electronics           Electronic connection set with transformer         84.811.00           Transformer         140051-0108           Lamp         140051-0110           Lamp socket         140051-0110           Pipe set for cable laying (Electric/Air)         84.811.10           Country-specific power outlets available on request         Starter set           Starter set mini         84.810.17           Starter set medium         84.810.17           Starter set large         84.810.17           Work pads         84.810.17.2           Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.19	Wrenchholder for 12 wrenches	<u>84.810.11</u>
Pliers holder         84.810.16           Paper dispenser (without paper roll)         84.810.23           HG Collet fixture         140056-0005           Accessories for electronics           Electronic connection set with transformer         84.811.00           Transformer         140051-0108           Lamp         140051-0111           Lamp socket         140051-0110           Pipe set for cable laying (Electric/Air)         84.811.10           Country-specific power outlets available on request         Starter set mini           Starter set medium         84.810.17.1           Starter set large         84.810.17.2           Work pads           Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.19	Holder for clear film	<u>84.810.12</u>
Paper dispenser (without paper roll)         84.810.23           HG Collet fixture         140056-0005           Accessories for electronics         Electronic connection set with transformer         84.811.00           Transformer         140051-0108           Lamp         140051-0111           Lamp socket         140051-0110           Pipe set for cable laying (Electric/Air)         84.811.10           Country-specific power outlets available on request         Starter Sets           Starter set mini         84.810.17           Starter set medium         84.810.17.1           Starter set large         84.810.17.2           Work pads           Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.20	Storage place (440 mm x 300 mm x 100 mm)	<u>84.810.13</u> .3
HG Collet fixture       140056-0005         Accessories for electronics       84.811.00         Electronic connection set with transformer       84.811.00         Transformer       140051-0108         Lamp       140051-0111         Lamp socket       140051-0110         Pipe set for cable laying (Electric/Air)       84.811.10         Country-specific power outlets available on request       Starter Sets         Starter set mini       84.810.17         Starter set medium       84.810.17.1         Starter set large       84.810.17.2         Work pads         Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)       84.810.18         Work pad for corner module (transparent, soft PVC)       84.810.19         Work pad 690 mm x 500 mm (transparent, soft PVC)       84.810.19	Pliers holder	<u>84.810.16</u>
Accessories for electronics   Electronic connection set with transformer   84.811.00   Transformer   140051-0108   140051-0108   140051-0111   140051-0110	Paper dispenser (without paper roll)	<u>84.810.23</u>
Electronic connection set with transformer         84.811.00           Transformer         140051-0108           Lamp         140051-0111           Lamp socket         140051-0110           Pipe set for cable laying (Electric/Air)         84.811.10           Country-specific power outlets available on request         ***           Starter Sets           Starter set mini         84.810.17           Starter set medium         84.810.17.1           Starter set large         84.810.17.2           Work pads           Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.20	HG Collet fixture	140056-0005
Transformer         140051-0108           Lamp         140051-0111           Lamp socket         140051-0110           Pipe set for cable laying (Electric/Air)         84.811.10           Country-specific power outlets available on request         Starter Sets           Starter set mini         84.810.17           Starter set medium         84.810.17.1           Starter set large         84.810.17.2           Work pads         Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.20	Accessories for electronics	
Lamp         140051-0111           Lamp socket         140051-0110           Pipe set for cable laying (Electric/Air)         84.811.10           Country-specific power outlets available on request         Starter Sets           Starter set mini         84.810.17           Starter set medium         84.810.17.1           Starter set large         84.810.17.2           Work pads         Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.20	Electronic connection set with transformer	<u>84.811.00</u>
Lamp socket         140051-0110           Pipe set for cable laying (Electric/Air)         84.811.10           Country-specific power outlets available on request         Starter Sets           Starter set mini         84.810.17           Starter set medium         84.810.17.1           Starter set large         84.810.17.2           Work pads         Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.20	Transformer	140051-0108
Pipe set for cable laying (Electric/Air)  Country-specific power outlets available on request  Starter Sets  Starter set mini Starter set medium Starter set large  Work pads  Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)  Work pad 690 mm x 500 mm (transparent, soft PVC)  Work pad 690 mm x 500 mm (transparent, soft PVC)  84.810.19	Lamp	140051-0111
Country-specific power outlets available on request           Starter Sets         84.810.17           Starter set mini         84.810.17.1           Starter set medium         84.810.17.2           Work pads         84.810.17.2           Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.20	Lamp socket	140051-0110
Starter Sets           Starter set mini         84.810.17           Starter set medium         84.810.17.1           Starter set large         84.810.17.2           Work pads           Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.20	Pipe set for cable laying (Electric/Air)	<u>84.811.10</u>
Starter set mini         84.810.17           Starter set medium         84.810.17.1           Starter set large         84.810.17.2           Work pads         Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.20	Country-specific power outlets available on request	
Starter set medium         84.810.17.1           Starter set large         84.810.17.2           Work pads         Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.20	Starter Sets	
Starter set large         84.810.17.2           Work pads         Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)         84.810.18           Work pad for corner module (transparent, soft PVC)         84.810.19           Work pad 690 mm x 500 mm (transparent, soft PVC)         84.810.20	Starter set mini	<u>84.810.17</u>
Work pads  Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)  Work pad for corner module (transparent, soft PVC)  Work pad 690 mm x 500 mm (transparent, soft PVC)  84.810.19  84.810.20	Starter set medium	<u>84.810.17.1</u>
Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)84.810.18Work pad for corner module (transparent, soft PVC)84.810.19Work pad 690 mm x 500 mm (transparent, soft PVC)84.810.20	Starter set large	<u>84.810.17.2</u>
Work pad for corner module (transparent, soft PVC) 84.810.19 Work pad 690 mm x 500 mm (transparent, soft PVC) 84.810.20	Work pads	
Work pad 690 mm x 500 mm (transparent, soft PVC) 84.810.20	Work pad for work bench 600 mm x 1500 mm (transparent, soft PVC)	<u>84.810.18</u>
<del></del>	Work pad for corner module (transparent, soft PVC)	<u>84.810.19</u>
Work pad for assembly station (transparent, soft PVC) 84.810.29	Work pad 690 mm x 500 mm (transparent, soft PVC)	84.810.20
	Work pad for assembly station (transparent, soft PVC)	84.810.29

### DAC - DATA ANALYZER & CONTROLLER

# HAIMER i 4.0 Tool & Data Management

### **HAIMER Data Analyzer & Controller**

- System compatibility of each component everything from the single source "HAIMER"
- Modular set-up customer can start at each step
- HAIMER DAC connects all hardware components
- Data transfer through all interfaces to the machine tool
- Simplified tool management perfectly suitable for medium-sized companies
- Reduction of manual data entry errors high process-security



### CAD/CAM-system

 Simple transfer of the generated job to the tool vending system for commissioning

# 2

### **Tool Management & Selection**

- Signal light indicates open job order
- Clearly arranged selection of the tools needed for the job
- Simple picking through stock shelf indication of all components, through illustration of complete tool assembly and through showing exact position within the stock shelf
- Automatic output of needed components through on-screen selection
- Interactive step-by-step instruction for highest process security and low error rates
- Job transfer to the shrink fit machine through HAIMER DAC

# 3

### Shrink Fit Machine Power Clamp Premium i4.0

- Signal light at the right assembly station indicates the next workstep (shrinking in the cutting tool or assembly at the tool clamp)
- Scanning the data-matrix code off the tool holder recalls the required assembly parameters from the database (shrinking parameters, length adjustment, torque etc.)
- Pictographic assembly instruction in the system helps for visual check
- Subsequent job transfer from HAIMER DAC to the tool presetter

# 4

# Tool Presetter Microset VIO linear

- Signal light indicates open measuring jobs
- Scanning the data matrix code recalls the open job from HAIMER DAC and starts the automatic measuring process
- Once the measuring job is successfully completed, the values will be stored. If the balancing grade of the tool is defined in the job, the data will be transferred from the HAIMER DAC to the balancing machine

### 5

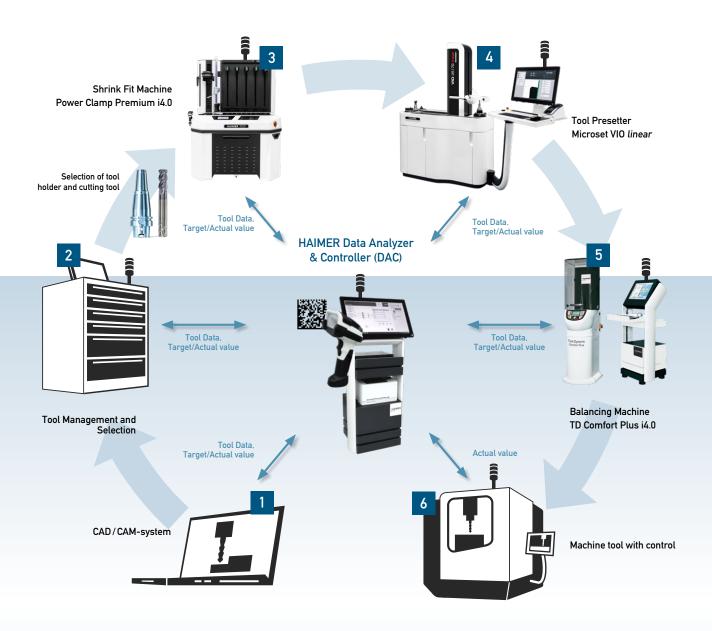
# Balancing Machine TD Comfort Plus i4.0

- Signal light indicates open balancing jobs
- Identification of the tool via data-matrix code and hand scanner
- The requested balancing parameters are recalled from the database
- After recalling the tool ID from the system, the balancing process can be started
- Once the balancing job is successfully completed, the data is transferred to the HAIMER DAC

# 6

### Machine tool with control

- Selection of tool and balancing data via data-matrix code scan when loading the machine
- Automatically, the machine control takes over all previously transferred tool data
- Recall and transfer of tool life to the HAIMER DAC via data-matrix code scan when unloading the tool from the machine tool



# Always work on a HAIMER proven machine!

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1 machine	Full price	Full price	Full price
2 machines	25% discount *	25% discount *	50% discount *
3 machines	50% discount *	50% discount *	Service for 3 machines, pay only 2 maintenances**

- \* On least expensive maintenance
- \*\* Least expensive maintenance for free

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- √ Training
- ✓ Installation
- ✓ Repair



