81709 201-202

Type

- In angled steel construction with tubular pushing
- Double wing door, end walls, side wall and top with 40 x 40 x 4 mm wire grid covering
- Completely welded, powder coated
- With vertical locking rod, with turning lever and installed cylinder lock
- 1 fixed and 4 loose shelves made from load bearing, bending-resistant sandwich panels
- Surface beechwood design
- Clear distance between shelves: 280 mm3
- Load capacity for each shelf, 90 kg
- 2 steering and 2 support rollers
- Elastic solid rubber tyres
- Hubs with ball bearings
- Stop locks on the steering rollers, in accordance with European Standard EN 1757-3 (Safety of platform trucks)

81709 201-202

81709 301-302

Type

- In angled steel construction with tubular pushing
- Double wing door, end walls, side wall and top with 1 mm thick galvanised sheet steel covering
- Powder coated
- With vertical locking rod, with turning lever and installed cylinder lock
- 1 fixed and 4 loose shelves made from load bearing, bending-resistant sandwich panels
- Surface beechwood design
- Clear distance between shelves: 280 mm3
- Load capacity for each shelf, 90 kg
- 2 steering and 2 support rollers
- Elastic solid rubber tyres
- Hubs with ball bearings
- Stop locks on the steering rollers, in accordance with European Standard EN 1757-3 (Safety of platform trucks)

81709 301-302

81709 301-302 Type

- Tubular steel and sectional steel welded
- Powder coated, blue RAL 5007
- Bolted construction
- End walls with vertical tubular beams at a distance of approx. 130 mm
- 1 fixed and 4 shelves made from load bearing, bending-resistant sandwich panels
- Surface beechwood design
- Shelves can be inserted variably at grids of 100 mm
- Load capacity for each shelf, 90 kg
- 2 steering and 2 support rollers
- Solid rubber tyres
- Hubs with ball bearings
- Stop locks on the steering rollers, in accordance with European Standard EN 1757-3 (Safety of platform trucks)



81709 103+102





Load capacity	Wheel Ø	Number of	Loading surface L x W	Outer dimensions L x W x H	Overall height	Shelf height	81709	
kg	mm	shelves	mm	mm	mm	mm		
750	200	5	1000 x 680	1170 x 745 x 1790	-	285 / 575 / 875 / 1175 / 1475	F#	201
750	200	5	1200 x 780	1370 x 845 x 1790	-	285 / 575 / 875 / 1175 / 1475	F#	202
750	200	5	1000 x 680	1170 x 745 x 1790	-	285 / 575 / 875 / 1175 / 1475	F#	301
750	200	5	1200 x 780	1370 x 845 x 1790	-	285 / 575 / 875 / 1175 / 1475	F#	302
500	200	4	1000 x 700	-	1800	270 / 700 / 1100 / 1500	F#	103
500	200	4	1200 x 800	-	1800	270 / 700 / 1100 / 1500	F#	102

81730

Tool Carts (Empty)

Can be lowered, with swivellable columns in order to save space during transport, low height (500 mm). Locked with padlock. Table top black, structure powder-coated, with rubber bumper strips and rubber cover. Tow shelves in-between with variable partitioning.

All-round rubber profile. Base tray with tie-bars, made of sheet steel, stove enamel coating. 4 solid rubber wheels, double ball-bearing wheels with dust and thread-protection, 2 of which are steering wheels, for locking in parallel or right angle to axis. Load capacity standing 300 kg, rolling (lowered) 150 ka.

Finish:

RAL 7035 light grey, powder-coated.

Dimensions H x W x D	81730	
mm		
965 x 650 x 415	F	101



81730

81731

Tool carts

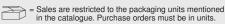
Type

- 4 drawers that can be pulled out on both sides with stop
- Strong, anti-tilting ball guide
- All corners welded
- Load capacity for each drawer 25 kg
- Total load capacity, 300 kg
- Powder coated

- Steel-shutters on both sides
- Central locking for padlock (Cat. no. 86931ff.)
- Working and storing surface made of ABS with 3 dividers for small parts.
- All-around covering edge protection profile
- Wide rear tracking with solid rubber wheels
- 2 rollers 150 mm Ø on axis
- 2 steering wheels 80 mm Ø, one of which has a stop lock

Drawer Number	H x W x D mm	Finish	Weight kg	81731	
4	930 x 625 x 400	RAL 7035	41	F	101





www.hhw.de Fax order hotline: +49 6204 739-1217

81.9

ena/OF

Tool carts

TORK

Working and storing surface made of ABS with convenient storage trays. Total load capacity 300 kg. Central locking for padlock (Cat. no. 86931 ff.). 6 drawers retractable from both sides with ball-bearing basket slide, load capacity 25 kg. 6 drawers (4 x 75 mm,

1 x 120 mm, 1 x 210 mm). Wide rear tracking with solid rubber wheels. 2 rollers 140 mm Ø on axis, 2 steering wheels 100 mm Ø, one of which has a stop lock.

RAL 7035 light grey, powder-coated.

Drawer dividers, see Cat no. 81770.

Dimensions H x W x D mm	Weight kg	81732	
930 x 605 x 375	39	F	101



Tool carts (empty), tilt-proof

- Stable sheet steel construction
- Solvent resistant plastic workbench top with 2 integrated storage trays and spray can holder
- Drawers with ball-bearing mounted telescopic rails
- Drawers with 100% extension
- Internal drawer dimensions W x D 527 x 348 mm
- Load capacity for each drawer 25 kg
- Total load capacity of the cart, 440 kg
- Single locking function prevents the drawers opening unintentionally
- With single drawer lock only one drawer can be opened thus ensuring that the cart cannot tip-over
- Drawers with lettering field for the individual marking with pictogram stickers
- All drawers can be used for OPT-I-STORE hard foam inserts (Cat. no. 59603-59692)
- Vertical continuous edge protector on all 4 corners
- Individual fixing options due to the rectangular hole grid on the side walls, e.g., using hooks for tools or other attachments such as spray can holder, document holder, trays, paper baskets, etc. (Cat. no. 81725 103-105)
- Indented side walls provide additional protection against damage for attachment parts mounted as these are hanging within the cart dimensions
- Central locking with cylinder lock safeguards all drawers, incl. 2 hinged keys
- Plastic coated metal push handle, fixed direct to the frame
- Can be moved using the 2 ball bearing support rollers and 2 steering rollers Ø 125 mm, with stop
- Powder coated surface: body, RAL 7035 light grey, drawers /door, RAL 5010 gentian blue
- Delivery incl. 1 partition plate per drawer (additional partition plate Cat. no. 81725 106-107) and pictogram sticker for marking the drawer



Anti-tip safe thanks to single locking function of the drawers - only one drawer can be opened



Central locking with cylinder lock, incl. 2 keys



Large storage area in the bottom compartment



81725 109



Type

- 5 drawers, 75 mm high
- 1 Front door height 337 mm, can be locked separately, with 2 hinged keys, dimensions, inner compartment H x W x D 340 x 550 x 440 mm

H x W x D mm	Number of drawers	Number of doors	Drawer inside dimension Width x Depth mm	Drawer front height mm	Door height mm	81725	
1040 x 817 x 502	6	-	527 x 348	3 x 75 / 3 x 160	-	F	100
1040 x 817 x 502	5	1	527 x 348	5 x 75	1 x 337	F	109

Type

- Stable sheet steel construction
- Solvent resistant plastic workbench top with 2 integrated storage trays
- Drawers with roller guide
- Drawers with 100% extension
- Internal drawer dimensions W x D 527 x 348 mm
- Load capacity for each drawer 20 kg
- Total load capacity of the cart, 300 kg
- Single locking function prevents the drawers opening unintentionally
- All drawers can be used for OPT-I-STORE hard foam inserts (Cat. no. 59603-59692)
- Individual fixing options due to the rectangular hole grid on the side walls, e.g., using hooks for tools or other attachments such as spray can holder, document holder, trays, paper baskets, etc. (Cat. no. 81725 103-105)
- Indented side walls provide additional protection against damage for attachment parts mounted as these are hanging within the cart dimensions

- Central locking with cylinder lock safeguards all drawers, incl. 2 hinged keys

- Plastic coated metal push handle, fixed direct to the frame

 Can be moved using the 2 ball bearing support rollers and 2 steering rollers
 100 mm, with stop lock

 Powder coated surface: body, RAL 7035 light grey, drawers /door, RAL 5010 gentian blue

 Delivery incl. 1 partition plate per drawer (additional partition plate Cat. no. 81725 106-107)



81725 101 Type - 4 drawers

- 4 drawers, 80 mm high
- 2 drawers, 165 mm high

81725 102

Type

- 6 drawers, 80 mm high
- 1 drawer, 165 mm high



H x W x D mm	Number of drawers	Drawer inside dimension Width x Depth mm	Drawer front height mm	81725	
913 x 778 x 496	6	527 x 348	4 x 80 / 2 x 165	F	101
913 x 778 x 496	7	527 x 348	6 x 80 / 1 x 165	F	102

81725

Accessories for ATORN tool carts, cat.-no. 81725

<u>ATORN</u>

81725 103 Spray can holder

Type
- Including assembly kit

Use For 3 cans.

81725 104 Clipboard Use

For documents size DIN A4.

81725 105 Tray 81725 106 Set of compartment dividers

Туре

- 5-piece

Use

For drawers with front height 80 mm.

81725 107 Set of compartment dividers

Type - 5-piece Use

For drawers with front height 165 mm.

81725 103



81725 104



Tool cart with OPT-I-STORE hard foam inserts

81725 105



Accessories	81725	
Spray can holder		103
Clipboard		104
Tray		105

Accessories	HxL	81725	
	mm		
Set of compartment dividers	60 x 347		106
Set of compartment dividers	120 x 347		107

Info

Tool modules

59 see cat.-no. 59628

see catalogue group 59







= Sa

| = Sales are restricted to the packaging units mentioned in the catalogue. Purchase orders must be in units. | www.h Fax or

Info

Tool scanner



Type

Using the tool scanner, with little effort you can create your own individual hard foam inserts with tools from your stock by yourself or with the assistance of a competent HHW employee.

Position your tools easily, quickly and simply accoding to your desires and requirements at your location.

Benefits of the HHW tool scanner

- The tools are scanned in your company and can are ready for use
- Quick and simple operation direct on location by your employees
- No training necessary
- Many colour combinations
- Any arrangement and partitioning
- Can be ordered from batch size one

Benefits of the OPT-I-STORE hard foam insert

- Quicker access to your tools
- Missing tools are recognised immediately
- Excess tool stock is avoided
- Easy removal
- A high level of oversight and organisation
- Protected storage

Note:

Scanning area: 556 x 556 mm Case size: 620 x 620 x 130 mm

Max. size of the OPT-I-STORE hard foam insert: 1000 x 1500 mm

Max. material thickness: 90 mm



Simple, quick and straightforward!

The HHW tool scanner includes everything that you need for optimum use. Using the user-friendly operating instructions, you can create a hard foam insert perfectly matched to your requirements in no time at all.



The optimum storage of your tools!



You record all tools using the HHW tool scanner.



You send us the scanned images per e-mail.



We will send you the layout including handle notches for approval per e-mail.



Your hard foam insert is produced according to the approval of your-





Interested?

You can obtain information and consultation direct from your HHW field employee.

H!W

Type

Working and storing surface made of ABS with 3 dividers for small parts. Total load capacity 300 kg. Compact push bar. Centralised locking with cylinder lock. 4 drawers retractable from both sides with end stop. Rigid and smooth. Load capacity 25 kg. All angles welded. Steel-shutters on both sides, 2 all-around covering edge protection devices, wide rear tracking with solid rubber wheels.

2 rollers 150 mm Ø on the axle, 2 steering rollers 80 mm Ø, one of which has a stop lock. Side walls perforated, hooks see cat.-no. 82480.

Standard finish:

Housing RAL 5012 light grey blue, drawers RAL 7001 silver grey powder-coated.

Drawer dividers, see Cat no. 81770.

81710 010

Side-mounted tray.

H x W x D mm	Finish housing	Finish drawers	Weight kg	81710	
930 x 605 x 375	RAL 5012	RAL 7001	41	F	501
Tray	-	-	-		010



81711

Tool Carts (Empty)

Tool Carts (Empty)



Working and storing surface made of ABS with convenient storage trays. Total load capacity 300 kg. Compact push bar. Central locking for padlock (Cat. no. 86931ff.) Sturdy design made of elektrolytic galvanszed and powder-coated sheet steel, optimal corrosion protection.

6 drawers can be retracted on both sides with ball-bearing basket slides. Load capacity 25 kg, 4 drawers can be divided individually, 1 drawer with

movable section for small parts, basic equipment incl. of 2 length dividers and 8 cross dividers. Wide rear tracking with solid rubber wheels. 2 rollers 140 mm Ø on axis, 2 steering wheels 100 mm Ø, one of which has a stop lock. Side walls

perforated, hooks see cat.-no. 82480.

Note:

Side-mounted tray see cat.-no. 81710 010. Drawer dividers, see Cat no. 81770.

H x W x D mm	Finish housing	Finish drawers	Weight kg	81711	
930 x 605 x 375	RAL 5012	RAL 7001	39	F	501



81770

Drawer dividers

W

Matches cat. no. 81710, 81711 and 81732.

Made of sheet steel, galvanised and powder-coated.

Length dividers 317 mm	Cross	dividers 120 mm	Cross	dividers 80 mm	Cross	dividers 40 mm	
81770		81770		81770		81770	
	101		201		202		203

81770 101 81770 201

81770 203

81770 202



81716 - 81717

Workshop and Tool Cart (Empty)



81716

Type 162 C

Type

With fixed supports which can be lowered. Lid with integrated, exchangeable beechwood plate. Middle tray with additional tray, movable, integrated into the middle tray e.g., for calliper gauges and small parts. Spacious base tray made of sheet steel, rubber bumper strips all around, large rollers for better rolling characteristics, 2 of which are steering wheels and can be locked in parallel or right angle to axis.

Type 166 C

Type







Similar to cat.-no. 81716, but with collapsible supports, the supports collapse to the minimum compact height of 647 mm, for space-saving transport.

H x W x D	81716		81717	
mm				
1099 x 725 x 398	F#	201		
1002 (647) x 725 x 398			F	201



Type 172 HD

Type

- Colour: HAZET blue®
- Extremely stable
- Roller shutter and grating

- Locakble incl. padlock and 2 keys
- 2 trays, each with 5 partition plates and base as well as 1 drawer for storing the tools
- Loaded when moving, 400 kg
- Smal parts drawer can be loaded to 5 kg
- Ideal for Nkw



81718 201

HxWxD	81720	
mm		
1020 x 850 x 510	F#	201

81718

Workshop and Tool Cart (Empty)



Typ 179

Type

- Top equipment
- 3-step locking concept for improved security:
- Central locking
- Single locking function
- Plus reciprocal pull-out stop for minimum risk of
- Vertical continuous edge protector on all four corners of the cart
- Innovative, generous fastening areas
- Labelling of the drawers possible for identification
- All drawers can be opened to 100% using the ballbearing mounted telescopic rails
- High drawer load capacity, each 25 kg / drawer
- Internal drawer dimensions: W 527 mm x D 398 mm
- Approx. 13% more drawer volume as the Assistent 169 N and the 178

81718 201

Type

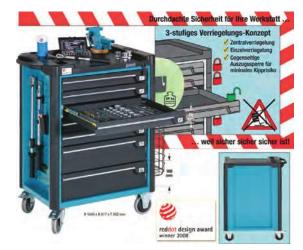
- With 7 drawers

- and 1 partition plate per drawer
- 5 flat drawers and 2 high drawers

81718 202

Type

- With 8 drawers
- and 1 partition plate per drawer
- 7 flat drawers and 1 high drawer



ı	Drawers	HxWxD	Weight	81714	
ı	Number x height mm	mm	kg		
	5 x 80 / 2 x 165	1040 x 817 x 502	90	F#	201
	7 x 80 / 1 x 165	1040 x 817 x 502	92	F#	202

81714

Workshop and Tool Cart (Empty)



Type 179XL

Туре

- With 6, 7 or 8 drawers
- Colour: HAZET blue®

2-step locking concept:

- Central locking, locked by a cylinder with 2 hinged
- Reciprocal pull-out stop for minimum risk of tipping

Robust and technically well thought-out:

- Stainless steel worktop for high stress
- Static total load capacity: 1,000 kg
- Stable push bar permanently mounted to the body, for the highest pulling force
- Vertical continuous edge protector on all four corners of the cart
- Solvent resistant plastic cover elements (against oil, brake fluid, Skydrol) with shelves for small parts
- Border protects parts from falling down

Type with drawers:

- 40% more drawer volume than conventional tool carts
- High load capacity, each 40 kg / drawer
- All drawers can be opened to 100% using the ball-bearing mounted telescopic rails

- With integrated self-closing and soft closing
- Suitable for HAZET tool organiser and safety insert
- Labelling of the drawers possible for identification
- Internal drawer dimensions: width 694 mm x depth 398 mm

Different additional fixing options:

- Individual fixing options thanks to the rectangular hole grid on the side walls, e.g., using hooks for tools or other attachments such as spray can holder, paper roll holder, paper baskets, etc.
- Indented side walls provide protection against damage for attachment parts mounted as these are hanging within the cart dimensions

High quality chassis:

- High-quality, large, heavy duty rollers with precision ball bearings (Ø 125 mm) and 2-fold ball race in the pivot bearing ensure for a easy movement, even when exposed to dynamic loads
- 2 steering rollers with double stop lock: braked roller prevents rolling away, braked pivot bearing prevents the steering rollers from turning, e.g., on slanting surfaces
- Grey non-marking elastic rollers permit smooth





Drawers Number x height mm	H x W x D mm	Weight kg	81714	
3 x 80 / 3 x 165	1027 x 980 x 503	118,0	F#	201
5 x 80 / 2 x 165	1027 x 980 x 503	120,5	F#	202
7 x 80 / 1 x 165	1027 x 980 x 503	125,0	F#	203



Type 179XXL

Type

- With 6, 7 or 8 drawers
- Colour: HAZET blue®

2-step locking concept:

- Central locking, locked by a cylinder with 2 hinged kevs
- Reciprocal pull-out stop for minimum risk of tipping

Robust and technically well thought-out:

- Stainless steel worktop for high stress
- Static total load capacity: 1.000 kg
- Stable push bar permanently mounted to the body, for the highest pulling force
- Vertical continuous edge protector on all four corners of the cart
- Solvent resistant plastic cover elements (against oil, brake fluid, Skydrol) with shelves for small parts
- Border protects parts from falling down

Type with drawers:

- 80% more drawer volume than conventional tool carts
- High drawer load capacity, each 40 kg / drawer
- All drawers can be opened to 100% using the ballbearing mounted telescopic rails

- With integrated self-closing and soft closing
- Suitable for HAZET tool organiser and safety insert system
- Labelling of the drawers possible for identification
- Internal drawer dimensions: width 871 mm x depth 398 mm

Different additional fixing options:

- Individual fixing options thanks to the rectangular hole grid on the side walls, e.g., using hooks for tools or other attachments such as spray can holder, paper roll holder, paper baskets, etc.
- Indented side walls provide protection against damage for attachment parts mounted as these are hanging within the cart dimensions

High quality chassis:

- High-quality, large, heavy duty rollers with precision ball bearings (Ø 125 mm) and 2-fold ball race in the pivot bearing ensure for a easy movement, even when exposed to dynamic loads
- 2 steering rollers with double stop lock, braked rollers prevent rolling away, braked pivot bearing prevents the steering rollers from turning, e.g., on slanting surfaces
- Grey non-marking elastic rollers permit smooth



Drawers Number x height mm	H x W x D mm	Weight kg	81724	
3 x 80 / 3 x 165	1027 x 1155 x 503	120,0	F#	201
5 x 80 / 2 x 165	1027 x 1155 x 503	122,7	F#	202
7 x 80 / 1 x 165	1027 x 1155 x 503	127,0	F#	203

Accessories for tool cart Cat. no. 81718, 81714, 81724



81719 104 Clipboard

- For work documents

81719 113

- For hanging into the side wall

81719 107

- Work tray - Attachable
- Swivel mounted
- As additional writing support, shelf space for documents, laptop or similar

81719 112

Vertical perforated panel

- Attachable
- For attaching additional tools
- Incl. 8 piece holder assortiment

81719 111

Door for type 179

- For side walls, right side
- Locable, incl. 2 keys
- Approx. 80 mm internal depth
- Approx. 785 mm useable height

81719 114

Door for types 179XL + 179XXL

- For side walls, right side
- Locable, incl. 2 keys
- Approx. 80 mm internal depth
- Approx. 770 mm useable height

Suitable hook and bracket assortment see cat.-no. 82471-82480.





81719 107





81719 114

Facility Equipment

81719 113





for type 179 for type 179 XXL 81719 for type 179 XL Cat. no. 81724 Cat. no. 81718 Document holder 104 **Trays** 113 Work tray 107 Vertical tool perforated panel 112 Door on the side 111 Door on the side

Info

Tool modules

see catalogue group 59











= Sales are restricted to the packaging units mentioned in the catalogue. Purchase orders must be in units

ena/OF

Tool cart with 4 drawers



Type 1580

Type

- Double sided metal shutters to secure the wholeinternal space
- Working platform with cover made from ABS plastic
- With handle for easy pushing, pulling and turning
- Side walls with EURO perforation 10 x 38 mm for fastening hooks and tools
- All-round heel and impact protection for your safety
- Sheet steel, corrosion resistant and scratch-proof powder coated, GEDORIT blue

Drawers:

- Central locking with cylinder lock
- 4 wide drawers (W 480 x D 325 x H 45 mm), all drawers can be opened from either side
- 1 deep storage at base
- Ball-bearing guide rails, with middle and end catches
- Can be individually equipped with length and crosswide dividers (also available separately)
- Load capacity per drawer, 20 kg
- Sheet steel, corrosion resistant and scratch-proof powder coated, GEDORIT silver

GEDORE chassis

- 2 GEDORE high-performance wheels on roller bearings (fixed castors Ø 140 mm)
- 2 GEDORE smooth running wheels on ball bearings (swivel castors Ø 100 mm), one with total brake
- The GEDORE trapezoidal axle construction secures smooth running, manoeuvrability and track-keeping also in case of maximum loads

Options:

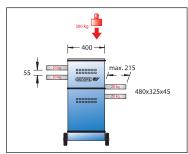
- Can be equipped with GEDORE tool modules (1500 ES/1500 CT)
- Easily extendable with GEDORE tool chest 1430, 1431, additional drawer KSF 1580
- Special colours and designs available on request
- Delivery without tools and accessories

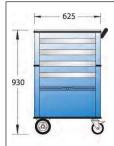
Note:

Length (LT) and crosswise (QT) dividers made from galvanised sheet steel available as accessories.









HxWxD	Load capacity	LT	QT	Weight	81722	
mm	kg			approx. kg		
930 x 625 x 400	300	8 x	2 x	40,0	F	101

81726

Tool cart with 5 drawers

GEDORE ///

Type 2000

Type

Facility Equipment

- Trapezoid shape for extra stability, wheels mounted internally
- Double sided metal shutters to secure the whole internal space
- Work platform with platform made from ABS plastic
- With handle for easy pushing, pulling and turning
- Side walls with EURO perforation 10 x 38 mm for fastening hooks and tools
- All-round heel and impact protection for your safety and the surroundings
- Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORIT blue

Drawers:

- Central locking with cylinder lock
- 5 wide drawers (W 480 x D 325 x H 45 mm), all drawers can be opened from either side
- 1 deep storage at base
- On ball-catch bearings, with middle and end catches
- Can be individually equipped with length and crosswise dividers (also available separately)
- Load capacity per drawer, 20 kg
- Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORIT silver

GEDORE chassis

- 2 GEDORE high-performance wheels on roller bearings (fixed castors Ø 140 mm)
- 2 GEDORE smooth running wheels on ball bearings (swivel castors Ø 100 mm), one with total brake

- The GEDORE trapezoidal axle construction secures smooth running, manoeuvrability and track-keeping also in case of maximum loads

Options:

- Can be equipped with GEDORE tool modules (1500 ES/1500 CT)
- Easily extendable with GEDORE tool chest 1430,
- Special colours and designs available on request
- Delivery without tools and accessories

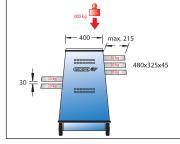
Note:

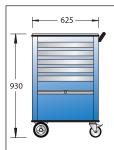
Length (LT) and crosswise dividers (QT) made from galvanised sheet steel available as accessories.











HxWxD	Load capacity	LT	QT	Weight	81726	
mm	kg			approx. kg		
930 x 625 x 400/545	300	10 x	2 x	47,0	F	101

ena/OP

(GEDORE)

Type 2500

Type

- Trapezoid shape for extra stability, wheels mounted internally
- Working platform with cover made from ABS plastic
- With handle for easy pushing, pulling and turning
- Side walls with EURO perforation 10 x 38 mm for fastening hooks and tools
- All-round heel and impact protection for your safety and the surroundings
- Sheet steel, corrosion resistant and scratch-proof powder coated, GEDORIT blue

Drawers:

- Central locking with cylinder lock
- 7 wide drawers (W 480 x D 330 x H 79 mm) fully extendable, removable
- 1 wide drawer (W 480 x D 330 x H 152 mm) fully extendable, removable
- Each drawer with safety locking, one handoperation
- On ball cage guides
- Can be individually equipped with length and crosswise dividers (also available separately)
- Load capacity per drawer, 40 kg
- Sheet steel, corrosion resistant and scratch-proof powder coated, GEDORIT silver

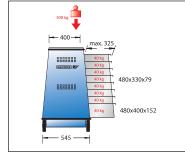
GEDORE chassis

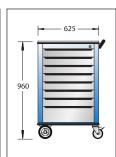
- 2 GEDORE high-performance wheels on roller bearings (fixed castors Ø 140 mm)
- 2 GEDORE smooth running wheels on ball bearings (swivel castors Ø 100 mm), one with total brake

- The GEDORE trapezoidal axle construction secures smooth running, manoeuvrability and track-keeping also in case of maximum loads Options:
- Can be equipped with GEDORE tool modules (1500 ES/1500 CT)
- Easily extendable with GEDORE tool chest 1430,1431
- Special colours and designs available on request
- Delivery without tools and accessories

Length (LD) and crosswise (QT) dividers made from galvanised sheet steel available as accessories.







81733

Facility Equipment

HxWxD	Load capacity	LT	QT	Weight	81727	
mm	kg			approx. kg		
930 x 625 x 400/545	300	10 x	2 x	64,0	F	101

81733

Tool cart with 9 drawers

(GEDORE)

Type 2004

Type

- Working platform in ABS, with 3 compartments for small parts, 2 spray can storage spaces, 8 screwdriver slots
- Storage compartment with perforated sheet (Euro perforation 10 x 38 mm), two removable drawers for small parts and door on the handle side
- With handle for easy pushing, pulling and turning
- Front side wall with EURO perforation 10 x 38 mm for fastening hooks and tools
- Heel and impact protection for your safety and the surroundings
- Sheet steel, corrosion resistant and scratch-proof powder coated, GEDORIT blue

Drawers:

- Central locking with cylinder lock
- Wide drawers (W 480 x D 400 mm) fully extendable, removable
- Each drawer and storage compartment with safety locking, single-hand operation
- Ball bearing guide rails
- Can be individually equipped with length and crosswide dividers (also available separately)
- Load capacity per drawer, 40 kg, bottom heavy duty drawer, 60 kg
- Sheet steel, corrosion resistant and scratch-proof powder coated, GEDORIT silver

GEDORE high-performance chassis:

- 2 GEDORE high-performance wheels on roller bearings (fixed castors Ø 200 mm)

= partly extent in stock

- 2 GEDORE smooth running wheels on ball bearings (swivel castors Ø 100 mm), both with total brake

- The GEDORE axle construction secures smooth running, manoeuvrabilityand track-keeping also in case of maximum loads

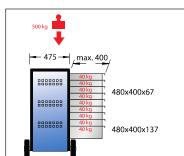
Options:

- Can be equipped with GEDORE tool modules (1500 ES/1500 CT)
- Easily extendable with GEDORE tool chest, rear panels and tool holder
- Further drawer combinations available on request
- Special colours and designs available on request
- Delivery without tools and accessories

Note:

Length (LD) and crosswise (QT) dividers made from galvanised sheet steel available as accessories.







HxWxD	Load capacity	LT	QT	Weight	81733
mm	kg			approx. kg	
985 x 775 x 475	500	15 x	3 x	91,0	F

= Sales are restricted to the packaging units mentioned in the catalogue. Purchase orders must be in units



Mobile tool cart with 7 drawers



Typ 1504

Type

- 30 mm thick multiplex beech wood worktop, surface additionally protected by linseed oil varnish
- Large usable storage space with shelf and door
- Heel protection for your safety
- Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORIT blue

Drawers:

- Central locking with cylinder lock
- Wide drawers (W 480 x D 400 mm) fully extendable, removable
- Each drawer with safety locking, one handoperation
- Ball bearing guide rails
- Can be individually equipped with length and crosswise dividers (also available separately)
- Load capacity per drawer, 40 kg, bottom heavy duty drawer, 60 kg
- Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORIT silver

GEDORE high-performance chassis:

- 2 GEDORE high-performance wheels on roller bearings (fixed castors Ø 200 mm)
- 2 GEDORE smooth running wheels on ball bearings (swivel castors Ø 125 mm), both with total
- The GEDORE trapezoidal axle construction secures smooth running, manoeuvrability and track-keeping also in case of maximum loads

Options:

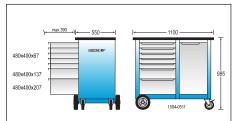
- An be equipped with GEDORE tool modules (1500 ES/1500 CT)
- Can be expanded with rear wall R 1504 L or rear wall panel RT 1504 L
- Further drawer combinations available on request
- Special colours and designs available on request
- Delivery without tools and accessories

Note:

Length (LT) and crosswise (QT) dividers made from galvanised sheet steel available as accessories.







81737

H x W x D mm	Load capacity kg	LT	QT	Weight approx. kg	81735	
985 x 1100 x 550	700	10 x	2 x	103,0	F	201

81737

Mobile tool cart with 6 drawers

GEDORE ///

Type 1502

Type

- 25 mm thick multiplex beech wood worktop. surface additionally protected by linseed oil varnish
- Large, easily-accessible spaces for bulky parts
- Heel protection for your safety
- Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORIT blue

Drawers:

- Central locking with cylinder lock
- 6 wide drawers (W 480 x D 400 mm) fully extendable, removable
- Each drawer with safety locking, one handoperation
- Ball bearing guide rails
- Can be individually equipped with length and crosswise dividers (also available separately)
- Load capacity per drawer, 40 kg, bottom heavy duty drawer, 60 kg
- Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORIT silver

GEDORE high-performance chassis:

- 2 GEDORE high-performance wheels on roller bearings (fixed castors Ø 200 mm)
- 2 GEDORE smooth running wheels on ball bearings (swivel castors Ø 125 mm), both with total
- The GEDORE trapezoidal axle construction secures smooth running, manoeuvrability and track-keeping also in case of maximum loads

Options:

- Can be optimally equipped with GEDORE tool modules (1500 ES/1500 CT)
- Special colours and designs available on request
- Delivery without tools and accessories

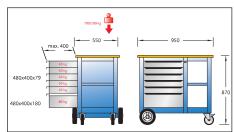
Accessories:

2 distance modules no. 1500 ED-70K length (LT) and crosswise (QT) dividers made from galvanised sheet steel available as accessories.

Length (LT) and crosswise (QT) dividers made from galvanised sheet steel available as accessories.



H x W x D	Load capacity	LT	QT	Weight approx. kg	81737	
875 x 950 x 550	500	10 x	2 v	78		101



= partly extent in stock

81.18



81739

Mobile tool cart with 5 drawers

(GEDORE)

Type 1505

- Type
- 40 mm thick multiplex beech wood worktop, surface additionally protected by linseed oil varnish
- Large usable storage space with shelf and door
- Easy and safe to move using the pull handle
- Heel protection for your safety
- Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORIT blue

Drawers:

- Central locking with cylinder lock
- 5 wide drawers (W 480 x D 550 mm) partially extendable (505 mm), removable
- Each drawer with safety locking, one hand operation
- Ball bearing guide rails
- Can be individually equipped with length and crosswise dividers (also available separately)
- Load capacity per drawer, 40 kg
- Sheet steel, corrosion resistant and scratch-proof powder-coated, GEDORIT silver

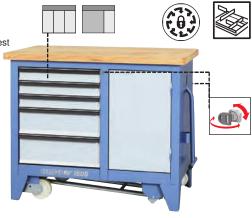
GEDORE Jumbo heavy-duty chassis:

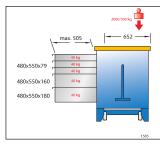
- 4 GEDORE wheels on roller bearings with independent wheel suspension
- Absolutely stable standing when lowered
- Mobile due to hydraulic raising mechanism, just lift or lower the pull handle to activate
- High floor clearance

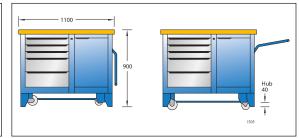
Options:

- an be equipped with GEDORE tool modules (1500 ES/1500 CT)
- Can be expanded by rear panel R 1504 L
- Special colours and designs available on request
- Delivery without tools and accessories

Length (LT) and 9 crosswise (QT) dividers made from galvanised sheet steel available as accessories.







HxWxD	Load capacity	LT	QT	Weight	81739	
mm	kg			approx. kg		
900 x 1100 x 652	500	9 x	9 x	138	F#	101

Info

Tool modules

see catalogue group 59





81765

Tool Carts

₹ FRCOM

Type JET GM3

Type

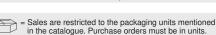
- Worktop plate: Deep drawn aluminium (2 mm thick) reinforced with a 15 mm thick wooden plate.
- Protective caps made from impact resistant polypropylene.
- A vice (free space) or pipe tool can be mounted.
- Completely integrated push bar made from bimetal with soft coating.
- Holder for 16 screwdrivers.
- 2 fixed edges at the front and rear.
- 2 retractable edges: when exposed to heavy loads, the edges lower into the worktop plate.
- Central locking, lock with hinged key.
- SOFT buffer at the 4 corners of the tool cart.
- Drawer buffer to protect the aluminium hook and as a shock absorber.
- Low effort for moving (less than 7 kg pushing
- Long service life (chip repelling, resistant against the most common hydrocarbons).

- Static load capacity 900 kg.
- 2 fixed castors and 2 swivel mounted, 1 of which with stop lock.
- Epoxy powder coating, particularly impact and scratch resistant, black
- Corrosion resistant handle made from anodised aluminium.
- The drawers can be opened completely.
- Using the removable dividers, the drawers can be partitioned as desired.
- Delivery with a set of dividers, additional dividers are optionally available.
- Marking the contents of the drawers with the pictogram sheet provided.
- The tool carts are compatible with the modular organisation system from FACOM (optionally available).
- The side walls and the recessed rear wall can be fitted with different accessory parts such as holders for spray cans, additional cabinets, etc.
- The side walls are perforated for hanging tools onto hooks or holders (not supplied).



81765 504 81765 505

Number of	HxWxD	wheel Ø	Weight	81765	
drawers	mm	mm	approx. kg		
5	971 x 774 x 546	125	73,5	F#	501
6	971 x 774 x 546	125	75,5	F#	502
7	971 x 774 x 546	125	77,5	F#	503
8	971 x 774 x 546	125	79,5	F	504
9	971 x 774 x 546	125	81,5	F#	505



www.hhw.de Fax order hotline: +49 6204 739-1217

Tool Carts

3D FACOM

Type CHRONO+

Type

Safe is better:

- Opening the drawers in a safe manner: To open the drawers, first the handle must be tipped. No unintentional opening of the drawers when moving.
- Central locking of the drawers using a cylinder lock (supplied with 2 keys, 1 of which is a hinged key)

Highly resistantworktop plate:

- Impact resistant, worktop plate resistant against hvdrocarbons
- Max. load 850 kg
- 2 integrated handles: one is used as a pulling handle and the other for lifting the tool cart to make overcoming obstacles easier
- Recessed work surface as roll protection
- A bench vice can be mounted.

Service performances:

- The recessed side walls can be fitted with all side accessory parts from the JETXL product range
- Supplied with removable dividing inserts

81740 301

Type

- 6 drawers= 15 modules, divided into 60 und 130 mm drawer heights
- Supplied with 6 partitions for 60 mm drawer heights and 2 partitions for 130 mm drawer heights
- The 270 mm drawers can also be fitted with modules

81740 302

Type

- 7 drawers = 18 modules, divided into 60 and 130 mm drawer heights
- Supplied with 6 partitions for 60 mm drawer heights and 2 partitions for 130 mm drawer heights
- The 200 mm drawers can also be fitted with modules



Drawers Number x Height mm	Weight kg	81740	
4 x 60 / 1 x 130 / 1 x 270	67,5	F	301
5 x 60 / 1 x 130 / 1 x 200	69,5	F#	302

81791

Tool Carts



Type No 97N

With solid multi-purpose storage plate No 913/1, plastic handle on the drawers and bumper edges, with double-bearing mounted, oil and acid-resistant wheels, stop lock and removable drawers with 100% extension, holders for paper rolls and spray cans. Can be equipped with STAHLWILLE standard inserts and TCS inserts. Can be locked centrally by a cylinder lock on the side.

Can be combined with tool cases No 94N. Can be equipped with additional shelf No 913/2 and multipurpose tripod No 913/3 (please order separately). Colour green.

Also availablein red, anthracite grey and blue.



Number of drawers	H x W x D mm	Wheels Ø mm	Weight kg	81791	
6	933 x 780 x 540	125	49,2	F	101
7	933 x 780 x 540	125	51,4	F#	102

Info **Tool modules**

see catalogue group 59









69846

Magnet spray can shelf

- 6 strong magnets
- Holding force, approx. 4 kg
- 10 holes Ø 19 mm in th base

Use

For e.g., 3 spray cans with Ø 73 mm.

Dimensions mm	69846	
210 x 75 x 70		101









81729 101

Magnet paper rollholder

Type

- Paper roll holder with strong magnet
- Magnet holding force approx. 3 kg
- Holds Ø 33 mm rolls
- Roll outer Ø max. 140 mm

Use

For commercially available paper rolls.

81729 102

Magnet universal shelf set Type

- 3 magnet shelves with strong magnet
- Can be mounted individually
- Holds on a magnetic surface
- For each shelf in the following sizes:

150 x 120 mm, max. load capacity up to 0,60 kg 210 x 120 mm, max. load capacity up to 0,77 kg 310 x 120 mm, max. load capacity up to 1,17 kg

Use

Perfect storage compartment for tools, spray cans and other equipment.

	81729	
Magnet paper roll holder		101
Magnet universal shelf set		102



Optimum retention on the tool cart







81742

Mobile tool cabinet series 50

##W

Type

Working and assembling tool cart with 5 ball bearing drawers V 80. The mobile workplace, can be used anywhere. With 2 steering wheels with stop lock, 2 support rollers, 120 mm Ø, push handle, centralised locking and drawer stop (avoids opening of drawers when moving the cart).

Standard finish:

Housing RAL 7035, drawers RAL 5012, powder-coated.

Further finishes see page 84.6 without additional cost (not in stock).

Note:

Corrugated rubber covering cat.-no. 84376 101, drawer fitting assortments cat.-no. 84310 103-105.



975	X	555	X	736
	8	317	7 4	6

H x W x D

Mobile Tool Cabinets

700

81746 201

Drawer installation dimensions

K.W

81746 501

Type

With 4 drawers 3x100 and 1x200 mm front height. 100 % extension, load capacity per drawer 50 kg, drawer single lock, push bar, flanged edge and corrugated rubber covering. 2 steering wheels with stop lock and 2 support rollers.

Finish:

Housing RAL 7035 light grey, drawers RAL 5012 light blue.

rits under every workbench

81742

F #

501

501 201 81746 201



81746 501

	11 / 11 / 12	01770
	mm	
Cabinet with drawers	750 x 530 x 500	F#
Drawer fitting assortments	-	F#

81784

Tool Carts

##W

Type

Tool cart with 4 drawers, height 150 mm, series 50, useable drawer area 450 x 600 mm, load capacity 80 kg, 95 % extension, with single-lock mechanism, useable housing height 600 mm, with swing door, 4 steering wheels Ø 125 mm, 2 of them with stop lock, beechwood Multiplex plate 1250 x 750 x 25 mm, cylinder lock, total load capacity 500 kg.

Note:

Drawer fitting assortments see cat.-no. 84305 201 and 84310 104.

H x W x D mm	Finish housing	Finish drawers	81784	
935 x 1250 x 750	RAL 7035	RAL 5012	F#	501



= Sales are restricted to the packaging units mentioned in the catalogue. Purchase orders must be in units.

Facility Equipment

81750 - 81760

Tool / table cart



Type

Welded tubular steel 30 x 30 x 2 mm, 2 steering wheels and 2 support rollers, both steering wheels with stop lock, hubs with roller bearings, solid rubber wheels 200 x 50 mm. Working plate made of beechwood Multiplex 1200 x 600 x 25 mm. Surface ground, load capacity approx. 500 kg.

Standard finish:

Housing RAL 7035, drawers RAL 5012, powdercoated. Further finishes in RAL 3003, 5010, and 7016 without additional cost (not in stock).

Note:

Drawer fitting assortments see cat.-no. 81780.

81750

Type

1 lockable door on the left. 2 wooden shelves on the

81755

Type

1 centrally lockable door on the left with 4 drawers on roller bearings each with a front height of 100 mm and load capacity of 35 kg. 2 wooden shelves on the right.

81760

Type

1 centrally lockable door on the left with 4 drawers on roller bearings each with a front height of 100 mm and load capacity of 35 kg.

1 lockable door on the right



	RAL 7035/5012	RA	L 7035/5012	RAL	7035/5012	
Dimensions W x D x H	81750		81755		81760	
mm						
1200 x 600 x 835	F#	502	F#	502	F#	502

81780

Drawer fitting assortments



Type

Through plates made of sheet steel, powdercoated., separating plate made from galvanised sheet steel, rounded edges.

Use

For tool carts/bench trolleys cat.-no. 81755 - 81760.

	-	-
8	-	-
		100
		m

81780 202
4 4 4



Number of	Number of	HxL	Number of	HxL	81780	
shelves	compartment rails	mm	compartment dividers	mm		
8	1	80 x 522	6	80 x 222	#	201
12	2	80 x 522	9	80 x 147	#	202
16	3	80 x 522	12	80 x 110	#	203

81782

Plastic Drawer Inserts

K M

Use

For tool carts/bench trolleys cat.-no. 81755 - 81760.



	81782 202					
				-1		
l						
	J.					
_	T					



Number of inserts	L x W x H mm 150 x 150 x 65	L x W x H mm 150 x 75 x 65	L x W x H mm 75 x 75 x 65	81782	
15	9 pcs.	-	6 pcs.	#	201
18	6 pcs.	6 pcs.	6 pcs.	#	202
24	-	24 pcs.	-	#	203

81901

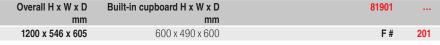
Mobile standing desk

Type

- Mobile
- Fixed welded tubular steel construction
- With desktop made from sheet steel
- Lockable platform cover made from sheet steel
- Safety lock incl. 2 keys
- Built-in cupboard with 1 door and
- storage plate made from sheet steel with flanged edge as cover
- Non-marking steering castors Ø 50 mm made from thermoplastic rubber
- Finish: Environmentally friendly powder-coating
- Frame as standard in RAL 5010, gentian blue
- Other RAL colours without surcharge
- Desktop and storage shelf always in RAL 7035, light grey

Overall H x W x D	Built-in cupboard H x W x D	81901	
mm	mm		
1200 x 546 x 605	600 x 490 x 600	F#	201





Info

CNC storage systems

Number of

Inserts



See cat.-no. 83945 - 83975.

83945

Plastic storage inserts for CNC tool holders

##W

Taper shank 30 Taper shank 40

Taper shank 50

HSK A 32/B 40

HSK A 40/B 50

HSK A 50/B 63

HSK A 63/B 80

HSK A 80/B 100

HSK A 100/B 125

Capto C 4

Capto C 5

Capto C 6

Universal

DIN 69880 cyl. Ø 30 mm/VDI 30

DIN 69880 cyl. Ø 40 mm/VDI 40

DIN 69880 cyl. Ø 50 mm/VDI 50

Type

The inserts are characterised by accurate inside reinforced construction. Therefore, the taper of the tool holder is optimally centred. The insert is fixed

with a spring lock into the tool holder support (cat. no. 83950 - 83951), easy positioning. Oil-resistant, made of impact and break-proof ABS, black.

83945

101

102

103

201

202

203

402

403

404

405

406

407

601

602

603

501

83945 501 Universal Insert Use

For special sizes. For self-drilling.



83945 101-103









83945 404-





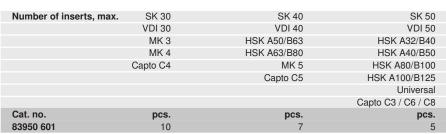
83950

CNC tool holder support (empty)



Type

Made of powder-coated sheet steel. Standard finish: RAL 7035 light grey. Plastic inserts not included (cat.-no. 83945).





Dimensions H x W x D mm	83950	
180 x 616 x 116	#	601

83951

Table stands for CNC tool holders (empty)



Made of powder-coated sheet steel. Standard finish: RAL 7035 light grey. Plastic inserts not included (cat.-no. 83945).

With practical tool rest for every CNC machine tool. Fixing holes on rear side panel for wall mounting.

Number of inserts, max.	SK 30	SK 40	SK 50
	VDI 30	VDI 40	VDI 50
	MK 3	HSK A50/B63	HSK A32/B40
	MK 4	HSK A63/B80	HSK A40/B50
	Capto C4	MK 5	HSK A80/B100
		Capto C5	HSK A100/B125
			Universal
			Capto C3 / C6 / C8
Catno.	pcs.	pcs.	pcs.
83951 601	14	10	6
83951 605	28	20	12

Dimensions H x W x D mm	Shelves	83951	
300 x 425 x 375	2	#	601
525 x 425 x 375	4	#	605





83.14

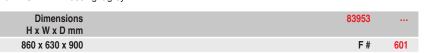
www.hhw.de Fax order hotline: +49 6204 739-1217

##W

Type

Made of welded square sectional steel, with push handle. 2 steering wheels and 2 support rollers, 125 mm Ø up to 1000 kg load capacity. May be equipped with a maximum of 8 tool holder supports (cat.-no. 83950). Depth including tool rest tray 150 mm, 600 mm wide and 25 mm high. Standard finish: RAL 7035 light grey.

Without tool holder supports (cat.-no. 83950) and plastic inserts (cat.-no. 83945).





83954

Workshop trolley for CNC tool holders (empty)

##W

Type

Welded construction design. With angled hinges for tool holder. Push handle on trolley face. 2 support rollers and 2 steering wheels, 125 mm \varnothing up to 1000 kg load capacity. Tool rest tray for assembly tools and small parts, at each side, 3 tool holder supports (cat.-no. 83950) can be fitted.

Standard finish: RAL 7035 light grey.

Supplied without tool holder supports (cat.-no. 83950) and plastic inserts (cat.-no. 83945).



Dimensions H x W x D mm 950 x 560 x 630

83955

Tool Cabinet for CNC Tools (Empty)

W

83955 501

Tool cabinet series 70

Type

With plastic-coated cabinet top. 4 ball-bearing mounted drawers, 100% extension.

Front height: 75 and 125 mm V 80, load capacity 80 kg. Front height: 300 and 400 mm V 200, load capacity

Standard finish: Housing RAL 7035 light grey.

Drawers RAL 5012 light blue. Without tool holder supports (cat.-no. 83950) and plastic inserts

(cat.-no. 83945).

The drawers with a front height of 300 and 400 mm can each hold 5 tool holder supports cat.-no. 83950.

Tool frames for tool holders see cat.-no. 83952.

83955 605

Compartment rails

Type Pairs

Use

For fixing the tool holder supports (cat.-no. 83950) inside the drawers of the tool cabinet, cat.-no. 83955 501.

RAL 7035/5012

Dimensions	83955	
H x W x D mm		
1019 x 705 x 736	F#	501
Compartment rails (pair)	#	605



83952

Tool frames for CNC tool holders (empty)

##W

Type

Made of powder-coated sheet steel. Standard finish: RAL 7035 light grey. Plastic inserts not included

(cat.-no. 83945).

For tool cabinet cat.-no. 83955, internal drawer dimensions 600 x 600 mm, drawer heights 300/400 mm.

Number of inserts, max.	SK 30	SK 40	SK 50
	VDI 30	VDI 40	VDI 50
	MK 3	HSK A50/B63	HSK A32/B40
	MK 4	HSK A63/B80	HSK A40/B50
	Capto C4	MK 5	HSK A80/B100
		Capto C5	HSK A100/B125
			Universal
			Capto C3 / C6 / C8
Catno.	pcs.	pcs.	pcs.
83952 601	50	35	25

Dimensions H x W x D mm	83952	
600 x 600 x 135	#	601



= Sales are restricted to the packaging units mentioned in the catalogue. Purchase orders must be in units.

www.hhw.de Fax order hotline: +49 6204 739-1217

Type

Made of stable welded sheet steel. With lockable plastic roll front. The roll front is never in the way during work and secures valuable tools after work. The roll front with cylinder lock also protects the tools from dust. Upper opening direction of shutter. Depending on the tool height, as many tool frames can be installed horizontally or tilted as needed (cat.-no. 83957).

Standard finish: RAL 7035 light grey. Supplied without tool frames (cat.-no. 83957)

and shelves (cat.-no. 85136).

83956

Fitting example

601



83957

83957

Tool frames for CNC tool holders (empty)

W

Type Standard finish: RAL 7035 light grey. Plastic inserts not included (cat.-no. 83945).

Dimensions

H x W x D mm

1950 x 1000 x 500

Use

Tall cabinet for CNC tool holders,

cat.-no. 83956 601.

Number of inserts, max. SK 40 SK 50 VDI 30 VDI 40 **VDI 50** HSK A32/B40 MK 3 HSK A50/B63 MK 4 HSK A63/B80 HSK A40/B50 Capto C4 MK 5 HSK A80/B100 Capto C5 HSK A100/B125 Universal Capto C3 / C6 / C8 pcs. Cat.-no. pcs. pcs. 83957 601/602 33



83957 Type F# horizontal 601 inclined F # 602

83965

CNC Cabinet (Empty)

W

Housing made of sheet steel, welded, with cylinder lock and two keys.

Standard finish: Housing RAL 7035, doors RAL 5012, powder-coated.

Supplied without built-in elements (cat.-no. 83966) and plastic inserts (cat.-no. 83945).

Dimensions H x W x D mm	Useable height mm	83965	
1838 x 980 x 500	1719	F#	601

83965



83966

Built-in elements for cat.-no. 83965

W

83966 101-103 **Drawers** Type

100 % extension.

Finish: Housing RAL 7035 light grey, drawers RAL 5012 light blue.

83966 202 Storage shelf

Finish: RAL 7035 light grey.

83966 301-302

Tool frames for CNC tool holders

Type

Finish: RAL 5012 light blue.



Front height mm	Unit height mm	Useable height mm	Width x Depth mm	Load capacity kg	83966	
100	85	90	900 x 400	50	#	101
150	135	140	900 x 400	50	#	102
200	185	190	900 x 400	50	#	103

Storage shelf

Drawers

Height x Width x Depth mm	Not retractable fixed	Load capacity kg	83966	
20 x 900 x 400	X	80	#	202

امد'	frames	

				1001 II allies	
Width x depth Re mm	tractable 100%	Not retractable inclined, fixed	Load capacity kg	83966	
900 x 443	Х	-	50	#	301
925 x 443	-	X	80	#	302
Number of inserts, max.	SK 30		SK 40		SK 50
	VDI 30		VDI 40	\	/DI 50
	MK 3	HSK	A50/B63	HSK A3	2/B40
	MK 4	HSK	A63/B80	HSK A4	0/B50
	Capto C4		MK 5	HSK A80	/B100
		(Capto C5	HSK A100	/B125
				Uni	versal
				Capto C3 / C	6 / C8
Catno.	pcs.		pcs.		pcs.
83966 301/302	48		33		24



83966 102



83966 202



83966 301





www.hhw.de Fax order hotline: +49 6204 739-1217



Facility Equipment



##W

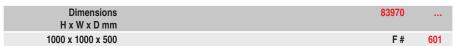
Type

Housing made of stable welded sheet steel. With lockable plastic roller shutters. Depending on the tool height, 2-3 tool frames can be installed horizontally or tilted.

Standard finish: RAL 7035 light grey.

Supplied without tool frames (cat.-no. 83957) and plastic shelves (cat.-no. 83945).

83970 + 83972 501



Dimensions H x W x D mm	83970	
1000 x 1000 x 500	F#	601



Type

Tool holder supports and CNC storage inserts not included.

5 ball-bearing mounted drawers.

83972

Front height:

50 / 50 / 100 / 100 mm V 80, load capacity 80 kg.

Front height:

400 mm V 200, load capacity 200 kg.

The high drawers can accommodate 5 tool holder supports cat.-no. 83975.

Standard finish: Housing RAL 7035 light grey.

Drawers RAL 5012 light blue.

Tool Cabinet for CNC tools (Empty) 83972 602

Compartment rails (pair)

Type

For fixing the tool holder supports inside the drawers.







83972 602

Facility Equipment



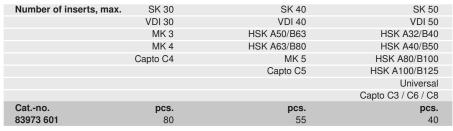
83973

Tool frames for CNC tool holders (empty)



Made of powder-coated sheet steel. Standard finish: RAL 7035 light grey. Plastic inserts not included (cat.-no. 83945). Use

Suitable for cabinet with drawers cat.-no. 83972.



Dimensions H x W x D mm	83973	
900 x 600 x 135	#	601



83975

CNC tool holder support (empty)

H.H

Made of powder-coated sheet steel. Standard finish: RAL 7035 light grey. Plastic inserts not included (cat.-no. 83945). Use

For tool cabinet, cat.-no. 83972 501. The drawer with front height 400 mm can accommodate 5 tool holder supports cat.-no. 83975.

•			
Number of inserts, max.	SK 30	SK 40	SK 50
	VDI 30	VDI 40	VDI 50
	MK 3	HSK A50/B63	HSK A32/B40
	MK 4	HSK A63/B80	HSK A40/B50
	Capto C4	MK 5	HSK A80/B100
		Capto C5	HSK A100/B125
			Universal
			Capto C3 / C6 / C8
Catno.	pcs.	pcs.	pcs.
83975 601	16	11	8

Dimensions H x W x D mm	83975	
132 x 870 x 111	#	601



www.hhw.de Fax order hotline: +49 6204 739-1217

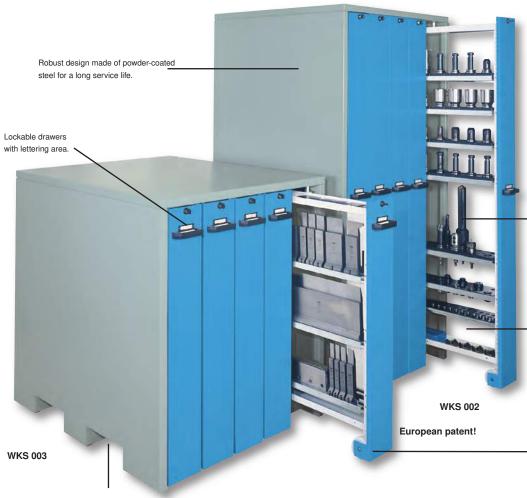
Info

Vertical is optimal

The vertical drawers of the Apfel tool cabinets WKS enable you to store your tools safe and clearly arranged and still saving space.

- Apfel tool cabinets - practical, robust and safe

Perfect solutions, made by professionals for professionals, can optimise the processes in your production as well. Create functionality and order even with limited space in order to facilitate your daily work.



Maximum order at minimum space - the multipurpose tool cabinet WKS made by Apfel. One square meter gives you enough room to store hundreds of tools (e.g. 480 milling tools SK40 at WKS 002).

Direct access to the tools from both sides for improved occupational safety, because you do not have to reach across the tools

Customisable with different holding fixtures and mounts for a perfect usage of space in your production

Maximum load capacity 4.500 kg, per drawer up to 900 kg (depending on the wheels up to 1.800 kg) wheel load capacity thanks to extremely sturdy plastic wheels

Lifting bags for pallet trucks or forklifts for a quick change of location when

> Please choose from our extensive range of sets or customise your tool cabinet with the applicable tool holders depending on your requirements.



Direct access to the tools from both sides.



Storage area for small parts in each drawer



Highest load capacity thanks to wheels



Lifting bags for easy change of location

83.18

eng/OP

Type

- Robust design made of powder-coated steel for a long service life.
- Direct access to the tools from both sides for improved occupational safety, because you do not have to reach across the tools
- Customisable with different holding fixtures and mounts for a perfect usage of space in your production
- Maximum load capacity 4.500 kg, per drawer up to 900 kg (depending on the wheels up to 1.800 kg) wheel load capacity thanks to extremely sturdy plastic wheels
 - 83982 200-207

- Lifting bags for pallet trucks or forklifts for a quick change of location when empty
- Lockable drawers with lettering area.
- Storage area for small parts in each drawer
- Housing RAL 7035 light grey, drawers RAL 5012 light blue, structure powder-coated.
- Special lacquers available at additional price.
- Further assortments available on request.





HHW catno.	model	incl. of	max. with
83982 200	WKS 013-HHW set	9 tool holders WKH 403/SK40	144 x SK40
83982 201	WKS 001-HHW set	15 tool holders WKH 403/SK40	240 x SK40
83982 202	WKS 003-HHW set	15 tool holders WKH 403/SK40	300 x SK40
83982 211	WKS 033-HHW set	9 tool holders WKH 403/SK40	180 x SK40
83982 203	WKS 002-HHW set	30 tool holders WKH 403/SK40	480 x SK40
83982 204	WKS 002-HHW set	30 tool holders WKH 403/VDI40	480 x VDI40
83982 205	WKS 002-HHW set	30 tool holders WKH 403/HSK63	480 x HSK63
83982 206	WKS 002-HHW set	30 tool holders WKH 403/Capto C6	480 x Capto C6
83982 207	WKS 006-HHW set	30 tool holders WKH 403/SK40	600 x SK40
83982 212	WKS 023-HHW set	18 tool holders WKH 403/SK40	288 x SK40
83982 213	WKS 063-HHW set	18 tool holders WKH 406/SK40	360 x SK40
83982 208	WKS 009-HHW set	9 tool holders WKH 902-H49	-
83982 209	WKS 004-HHW set	18 tool holders WKH 901-H49	-
83982 210	WKS 005-HHW set	18 tool holders WKH 902-H49	-
83982 214	WKS 024-HHW set	18 tool holders WKH 403/SK40 and	
		6 tool holders WKH 918/ST40	288 x ST40
83982 215	WKS 064-HHW set	18 tool holders WKH 406/SK40 and	
		6 tool holders WKH 919/ST40	444 x ST40

Model	Dimensions H x W x D mm	Effective depth mm	Number of vertical drawers	Load capacity kg	83982	
WKS 013-HHW set	1240 x 660 x 1050	910	3 x 180 mm	3 x 900	F#	200
WKS 001-HHW set	1240 x 1040 x 1050	910	5 x 180 mm	5 x 900	F#	201
WKS 003-HHW set	1240 x 1040 x 1300	1130	5 x 180 mm	5 x 900	F#	202
WKS 033-HHW set	1240 x 660 x 1300	1110	3 x 180 mm	3 x 900	F#	211
WKS 002-HHW set	2140 x 1040 x 1050	910	5 x 180 mm	5 x 900	F#	203
WKS 002-HHW set	2140 x 1040 x 1050	910	5 x 180 mm	5 x 900	F#	204
WKS 002-HHW set	2140 x 1040 x 1050	910	5 x 180 mm	5 x 900	F#	205
WKS 002-HHW set	2140 x 1040 x 1050	910	5 x 180 mm	5 x 900	F#	206
WKS 006-HHW set	2140 x 1040 x 1300	1130	5 x 180 mm	5 x 900	F#	207
WKS 023-HHW set	2140 x 660 x 1050	910	3 x 180 mm	3 x 900	F#	212
WKS 063-HHW set	2140 x 660 x 1300	1110	3 x 180 mm	3 x 900	F#	213
WKS 009-HHW set	1240 x 1040 x 1300	1130	3 x 300 mm	3 x 1800	F#	208
WKS 004-HHW set	2140 x 1040 x 1050	910	3 x 300 mm	3 x 1800	F#	209
WKS 005-HHW set	2140 x 1040 x 1300	1130	3 x 300 mm	3 x 1800	F#	210
WKS 024-HHW set	2140 x 1040 x 1050	910	3 x 180 mm / 1 x 300 mm	3 x 900 / 1 x 1800	F#	214
WKS 064-HHW set	2140 x 1040 x 1300	1110	3 x 180 mm / 1 x 300 mm	3 x 900 / 1 x 1800	F#	215

Mobile cabinet and accessories

83993 101

Mobile cabinets

Type

Made of galvanised sheet steel, visible surface RAL 5012 light blue. Incl. of 2 stainless steel handle and 4 support rollers without brake.

Also available with H 1250 x W 773 x D 1100 mm. Accessories (door, shelf, wheel guidings) see cat.-no. 83993 102-104.

83993 102

Door

Type

Two-part, made of galvanised sheet steel, RAL 7035 light grey. Incl. of snap closures and lock on one side of the mobile cabinet.

Use

For mobile cabinets cat.-no. 83993 101.

83993 103

Storage shelf

Type

Galvanised.Incl. of support bracket set, for hanging or fastening with screws.

Can be used as tray when turned over. For mobile cabinets cat.-no. 83993 101.



Made of galvanised sheet steel 1,5 mm.

For support rollers, distance between wheels 81 mm. For mounting on the floor. For mobile cabinets cat.-no. 83993 101.



83993 104

83993 101



83993 103

Model	Туре	Dimensions H x W x D mm	83993	
RSW 773	Mobile cabinet	1900 x 773 x 1100	F#	101
RAT 773	Door	-	#	102
RFB 773	Shelf	31,5 x 730/700 x 1058	#	103
RRF 773	Wheel guiding rail	-	#	104

Kanban shelving unit

83995 101-103

83995

Type

Customised components for kanban-controlled logistics.

The shelves can be mounted every 50 mm and can be inclined in different angles. All models have four smooth-running steering wheels with stop lock and therefore can be moved around and fixated in a certain spot with ease.

Housing: RAL 5012.

Use

These articles have been especially designed for series production. You can choose the necessary components in accordance to size, attachments. placement, flow of materials, etc. and therefore customise your own storage system and make use of this highly efficient logistics concept.

Note:

Suitable plastic containers see cat.-no. 83401-83405 and 83350.

Additional shelf see cat.-no. 83995 201-203.

83995 201-203

Use

For kanban shelving units, cat.-no. 83995 101-103.

Additional shelves

83995 101 83995 102 83995 103

Mod	lel Type	Dimensions H x W x D mm	Number of Shelf	83995	
KRS 45	oo shelving unit	1952 x 512 x 772	5	F#	101
KRS 65	oo shelving unit	1952 x 712 x 772	5	F#	102
KRS 85	oo shelving unit	1952 x 917 x 772	5	F#	103
KRB 49	oo additional shelf	28 x 440 x 910	1	#	201
KRB 69	oo additional shelf	28 x 640 x 910	1	#	202
KRB 89	oo additional shelf	28 x 845 x 910	1	#	203