



Handling Systems

# Workshop Equipment

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# Workshop Equipment

Indispensable Helpers in Trade and Industry

## Damage free Storing and Clamping of Workpieces

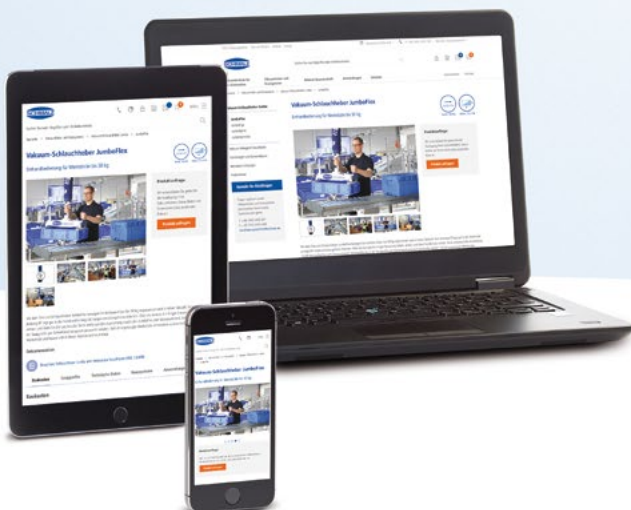
Schmalz workshop equipment serves as an important aid in industry and professional trades. Transport trolleys facilitate space saving storage of workpieces between individual production steps. Specifically, these trolleys are used to transport painted furniture pieces, sheets, profiles, metal/plastic components and solar panels, among other things.

Vacuum workbenches and vacuum work stands round off the product range. The vacuum is switched on and off using a foot-operated switch; workpieces are clamped using suction plates and fastened in place for processing. The workbenches and work stands can be adjusted to any height to enable ergonomic working.

## Handle Loads Ergonomically

On our website you will find:

- An extensive media library and selection aids to the appropriate lifting system
- Technical advice and system design by experienced engineers
- Commissioning on site - on request by our service engineers



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# Workshop Equipment

## CONTENTS



**4** Transport  
Trolley HW



**5** Transport  
Trolley HWZ



**6** Vacuum  
Workbench PVT



**7** Vacuum Work  
Stand PVS



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# Workshop Equipment

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Transport trolley HW for storing and transporting workpieces

## TRANSPORT TROLLEY HW

Transport trolley for careful storage and transportation of workpieces

- Shelf rods covered in solvent-resistant plastic tubes, insertable (optional)
- 4 rotatable wheels, 2 of which have locking brakes
- Distance between levels for 12 levels: 96 mm  
Distance between levels for 16 levels: 69 mm
- Length of shelf rods: 680 mm



Transport trolley with two rakes



Transport trolley with four rakes



Space-saving storage



Insertable shelf rods

Type	Length [mm]	Width [mm]	Height [mm]	No. of rakes	No. of levels	Max. lift capacity [kg]	Weight [kg]	Part no.
<b>Transport trolley with fixed shelf rods</b>								
HW-680x1380-R2/12	1,380	790	1,677	2	12	240	47	15.02.01.00068
HW-680x1380-R2/16	1,380	790	1,677	2	16	240	51	15.02.01.00074
HW-680x1380-R4/12	1,380	790	1,677	4	12	300	77	15.02.01.00069
HW-680x1380-R4/16	1,380	790	1,677	4	16	300	81	15.02.01.00075
<b>Transport trolley with insertable shelf rods</b>								
HW-680x1380-R2/12-STE	1,380	790	1,677	2	12	240	47	15.02.01.00084
HW-680x1380-R2/16-STE	1,380	790	1,677	2	16	240	51	15.02.01.00086
HW-680x1380-R4/12-STE	1,380	790	1,677	4	12	300	77	15.02.01.00085
HW-680x1380-R4/16-STE	1,380	790	1,677	4	16	300	81	15.02.01.00087



Transport trolley HWZ for storing and transporting workpieces

## TRANSPORT TROLLEY HWZ

Telescopic transport trolley can be adjusted to suit workpieces of different sizes, thereby providing careful storage and transportation for flat workpieces

- Shelf rods covered in solvent-resistant plastic tubes, insertable (optional)
- 4 rotatable wheels, 2 of which have locking brakes
- Distance between racks can be adjusted infinitely, as needed
- Distance between levels for 12 levels: 96 mm  
Distance between levels for 20 levels: 47 mm
- Length of shelf rods: 680 mm (extended: 1,200 mm)



Transport trolley with extendable levels



Infinitely adjustable transport trolley with three racks



Transport trolley DUO, can be loaded from both sides



Transport trolleys space-saving storable

Type	Min. length [mm]	Max. length [mm]	Width [mm]	Height [mm]	No. of rakes	No. of levels	Max. lift capacity [kg]	Weight [kg]	Part no.
<b>Transport trolley with fixed or insertable shelf rods (STE)</b>									
HWZ-680x1390-R2/12	380	1,390	790	1,677	2	12	240	48	15.02.02.00038
HWZ-680x1390-R2/12-STE	380	1,390	790	1,677	2	12	240	48	15.02.02.00039
HWZ-680x2670-R3/12	670	2,670	790	1,677	3	12	360	75	15.02.02.00040
HWZ-680x2670-R3/12-STE	670	2,670	790	1,677	3	12	360	75	15.02.02.00041
<b>Transport trolley (20 levels which can be loaded from one side or 10 which can be loaded from both sides)</b>									
HWZ-680x1390-R2/20-DUO	380	1,390	935	1,640	2	20	240	60	15.02.03.00035
<b>Transport trolley, loadable from both sides (12 levels 1,200 mm one side (extended) or 12 levels 680 mm both sides (retracted))</b>									
HWZ-1200x2235-R2/12/24-A	390	2,235	1,120	1,677	2	12/24	240	75	15.02.03.00033
HWZ-1200x2235-R4/12/24-A	390	2,235	1,120	1,677	4	12/24	300	130	15.02.03.00034

## ACCESSORIES

Type	Length [mm]	Width [mm]	Height [mm]	Distance between levels [mm]	Weight [kg]	Part no.
Movable rake RB-680/24/12	-	680	1,470	96	16	15.02.03.00016
Movable rake RB-675/12-STE	-	675	1,470	96	13	15.02.01.00082
Connecting tube ROHR 26.9x3.2x1800 HW	1,800	-	-	-	2	15.02.03.00022

# Workshop Equipment

Indispensable Helpers in Trade and Industry



Vacuum workbench PVT with vacuum pump and two suction plates for handling wooden boards

## VACUUM WORKBENCH PVT

- Mechanical handling without re-clamping the workpiece
- Swiveling the workpiece 90° left and right, manual locking in 45° increments
  - Foot pedal for swiveling and releasing the workpiece
  - Pneumatic or electrical vacuum generation, with energy saving regulation (optional)
  - Sensing valve activates vacuum after the workpiece is in position, unused suction plates remain closed
  - Voltage AC 230 V with electrical vacuum generation
  - Dimensions of workbench:  
 Length: 1,240 mm  
 Width: 490 mm  
 Height: 670 mm to 1,020 mm (infinitely adjustable)



Vacuum workbench with two suction plates and ejector SEG



Vacuum workbench with four suction plates and ejector SEG



Vacuum workbench with two suction plates and vacuum pump EVE



With extension for large workpieces (optional)

Type	Suction plates	Suction plate type [mm]	Vacuum generation	Operating pressure [bar]	Max. lift capacity [kg]	Weight [kg]	Part no.
PVT-2-SPL-300x100-VE SEG-4	2	SPL 300x100	Ejector SEG	5	90	47	13.02.01.10125
PVT-4-SPL-300x100-VE SEG-4	4	SPL 300x100	Ejector SEG	5	180	52	13.02.01.10170
PVT-2-SPL-300x100-VER EVE-4	2	SPL 300x100	Pump EVE	-	90	55	13.02.01.10553

The vacuum workbench PVT is constructed based on a modular system. This allows the workbench to be adjusted to suit the individual requirements of the application. Our system consultants would be happy to offer additional help: T: +49 7443 2403-108.



Vacuum work stand PVS for handling smaller workpieces

## VACUUM WORK STAND PVS

Mechanical handling without re-clamping the workpiece  
Workpiece can be rotated continuously, clamped in any position and swiveled by 90° into a vertical position

- Foot pedal for clamping and releasing the workpiece
- Pneumatic or electrical vacuum generation, with energy-saving regulation (optional)
- Sensing valve activates vacuum after the workpiece is in position, unused suction plates remain closed
- Voltage AC 230 V with electrical vacuum generation
- Dimensions of work stand:

Length: 300 mm

Width: 300 mm

Height: 750 mm to 1,100 mm (infinitely adjustable)



Vacuum work stand with one suction plate and ejector SEG



Vacuum work stand with two suction plates and ejector SEG



Vacuum work stand with four suction plates and ejector SEG



Vacuum work stand with one suction plate and vacuum pump EVE

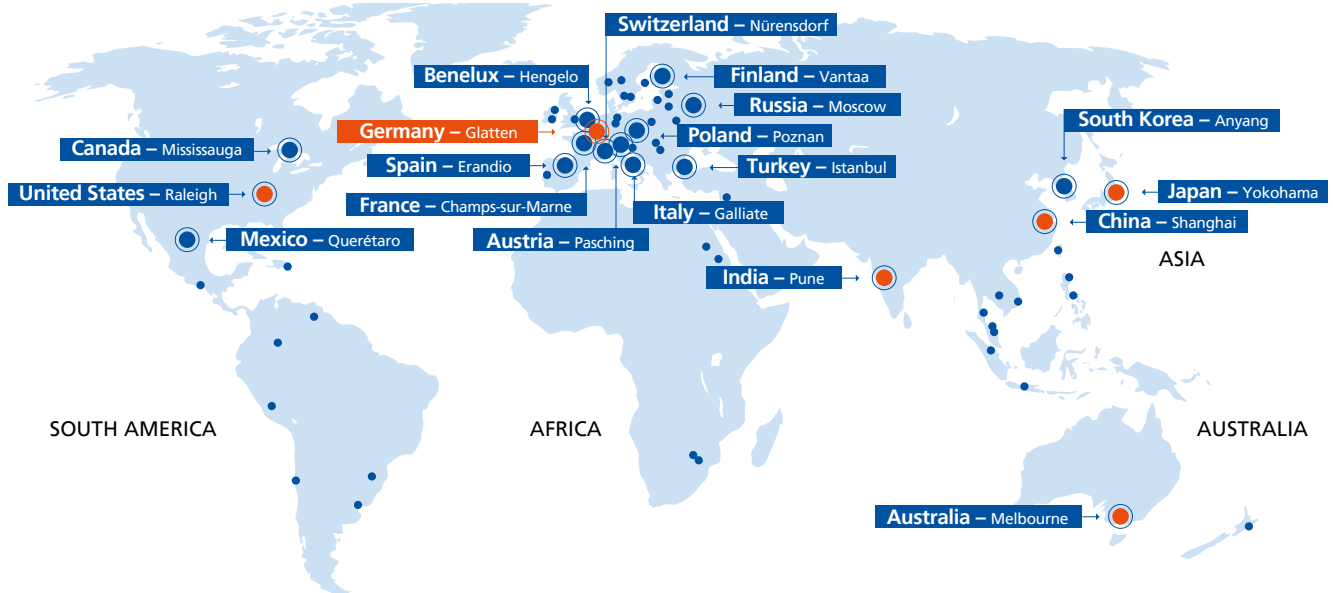
Type	Suction plates	Suction plate type [mm]	Vacuum generation	Operating pressure [bar]	Max. lift capacity [kg]	Weight [kg]	Part no.
PVS-1-SPL-250 VE SEG-4	1	SPL-250	Ejector SEG	5	90	34	13.01.01.10100
PVS-2-SPL-300x100-VE SEG-4	2	SPL-300x100	Ejector SEG	5	90	38	13.01.01.10117
PVS-4-SPL-300x100-VE SEG-4	4	SPL-300x100	Ejector SEG	5	100	42	13.01.01.10118
PVS-1-SPL-250-VER EVE-4	1	SPL-250	Pump EVE	-	90	42	13.01.01.10230

The vacuum work stand PVS is constructed based on a modular system.

This allows the stand to be adjusted to suit the individual requirements of the application.

Our system consultants would be happy to offer additional help: T: +49 7443 2403-108.

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