



Supports the workflow



The JOWI Mobile Rack supports the workflow from cutting to completion.

Mobile interim storage:

Due to the semi-elastic wheels one person can easily roll the fully loaded rack from one workstation to the next.

Unrestricted access to individual work pieces:

Pre-sorting for the various manufacturing steps is eliminated.



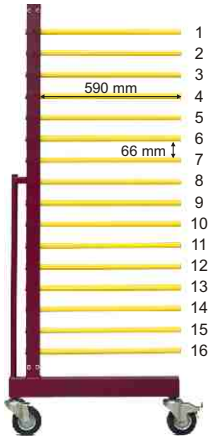
Mobile Rack R900-2/2



Mobile Racks - types and general features

B590

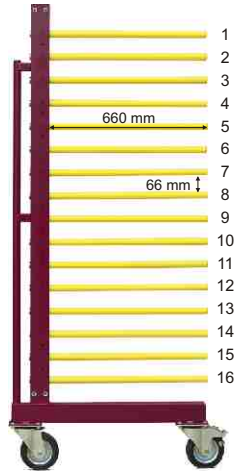
For furniture items - the handy rack



16 levels, 16 slots,
loading capacity per level 30 kg,
loading capacity per rack 200 kg

R660

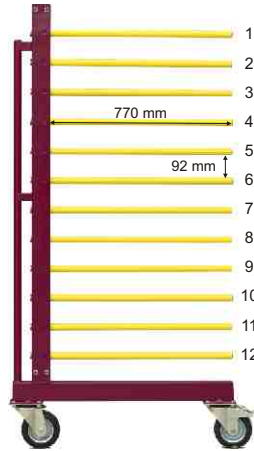
For furniture items for heavy loads



16 levels, 31 slots
loading capacity per level 55 kg,
loading capacity per rack 500 kg

B770

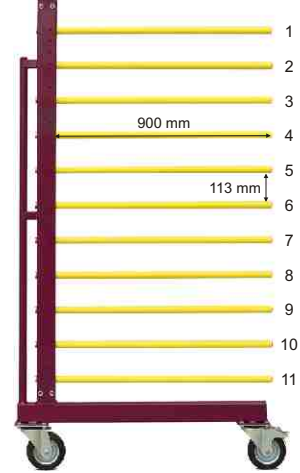
For doors the standard rack



12 levels, 12 slots
loading capacity per level 45 kg,
loading capacity per rack 500 kg

R900

For doors, extra deep for wide frame doors



11 levels, 31 slots
loading capacity per level 40 kg,
loading capacity per rack 500 kg

Greater depth of carrying bars:

Carrying bars can be extended by slide-on bars (accessory). Mobile Racks can be equipped with carrying bars of up to 1,100 mm length (optional).



Two slide-on bars on R660-2/0

Change of level clearance:

By loosening a hexagon bolt the carrying bars can be disassembled. Additional flexibility is offered by the Mobile Rack types R660 and R900 due to the 31 slots for carrying bars.



Disassembled carrying bars on R660-X Disassemble carrying bar

Surface protection:

The carrying bars have a plastic cover that is resistant to solvents and compatible with all the commonly used varnishing systems.



Double sided use

Types B590 and B770 are as frame construction available for double-sided use. Types R660 and R900 are in frame construction and in construction X and XX available for double-sided use.

Please consider the enlarged space requirement and the maximum loading capacity for these Mobile Racks especially.



Mobile Rack R660T-2/2

Telescopic chassis

Type "T": The Mobile Rack "T" is easily adaptable for double-sided use:

- The frame will be extended to the back.
- Slot in racks will be inserted From the backside.

Fixed chassis

Type "H" for frequent double-sided use. In the types R660 and R900 carrying bars can be assembled from the backside into the vacant slots.



For work pieces of different lengths

Batch loading:

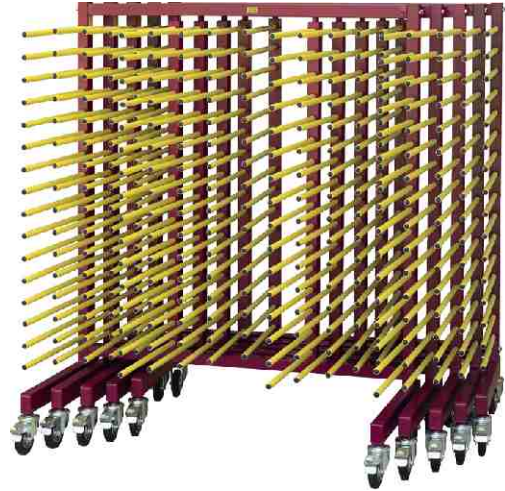
Short work pieces can be placed next to one another on one level. In case of longer items the load is distributed onto 4 carrying bars. Thereby the capacity of the Mobile Rack variant 2/2 is optimised.



Mobile Rack B590-2/2

Space saving:

Mobile Racks of the same type can be stacked into one another.



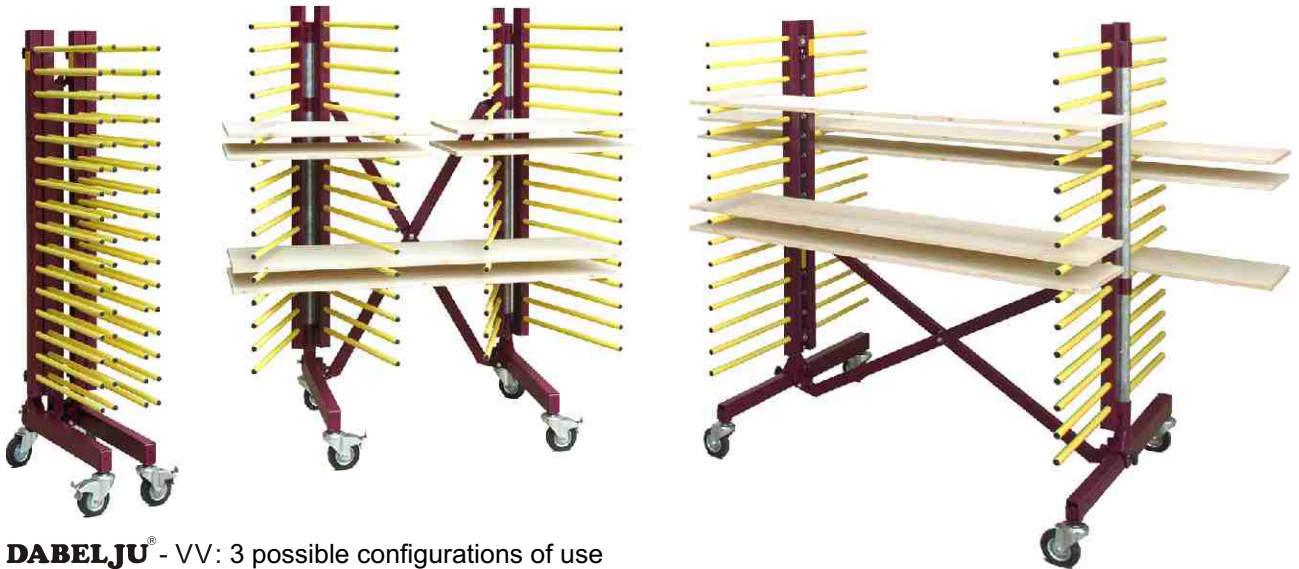
5 Mobile Rack B590-2/2 stacked

DABELJU® - VV: flexible and suitable for work pieces of different length

The V-shaped and swivel arrangement of the four racks offers the possibility to load work pieces of various lengths in one batch. In all configurations the adjustable length provides optimal use of work space. DABELJU combines the benefits of the Mobile Racks type B590-2/2 and B590-X.

Double-sided use

The chassis comes with a telescopic extension to provide full support in case two of the racks are swung towards the back to provide double-sided use.



DABELJU® - VV: 3 possible configurations of use

Practice tip no. 1

If several small work pieces are loaded on one level, provide one spare level to pile in the processed work pieces. Thereby a continuous working process is guaranteed and the optimal use of the capacity is obtained.

Practise tip: No. 2

If the ends of carrying bars are still visible on the loaded mobile rack, it is easier for the user to orientate. Therefore the usual depth of the work pieces is the measure for the choice of the type of Mobile Rack.



User-friendly and adaptable

Continuously adjustable length

Mobile Racks with continuously adjustable length are used especially for work pieces of similar lengths (e.g. light doors on steel bolts). Maximum rack lengths of 3,200 mm permit to load work pieces with a maximum length up to about 5 m.

Easy handling

Within seconds the Mobile Rack can be adjusted to the required length by fixing two handle nuts. When the Rack is adjusted for lengths under 60 cm the danger of toppling is to be considered.



Mobile Rack R660-XX

Mobile Rack R900-XX

Mobile Rack B770-X

Special lengths of Mobile Racks

The Mobile Rack B770-1/1 with the special length of 2,350 mm is especially suitable for loading "light doors" on steel bolts (alternative: B770-XX). Beside the standard length of 1,500 mm JOWI Mobile Racks are available in 2,100 mm, 2,350 mm and 2,780 mm.

Adaptable according to demand

The slot in racks can be positioned within the slot grid (47 mm) in the cross rail.



Mobile Rack B770-1/1, special length of 2,350 mm



Positioning of a slot in rack at R660-1/1

Practise tip: No. 3

To ensure good ventilation during the drying process and provide practical loading conditions, it is favourable if the clearance between the work piece and the upper carrying bar is about 40 mm.

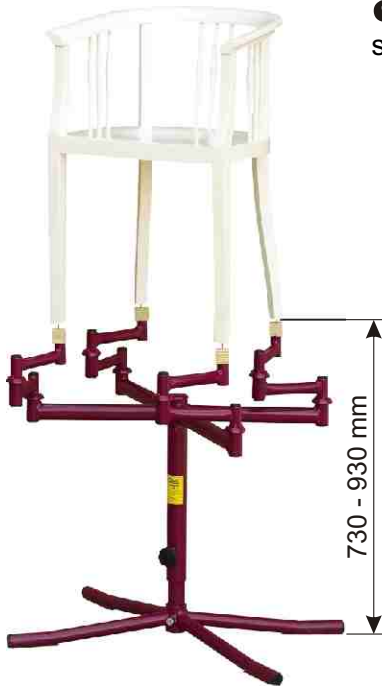
Practise tip: No. 4

If you start taking work pieces from the top of the Mobile Rack when spraying, dust is not falling onto fresh lacquered surfaces.



Shape and size - no problem: Octopus® the spray table that fits!

Octopus®, a product development from **JOWI®**, is a universal spray table for work pieces with even surfaces.



Octopus® D1

For work pieces up to 80 kg.
The support buffers can be screwed off and the spray table is adapted with wooden blocks with nails to obtain a single point support.



Octopus® D2

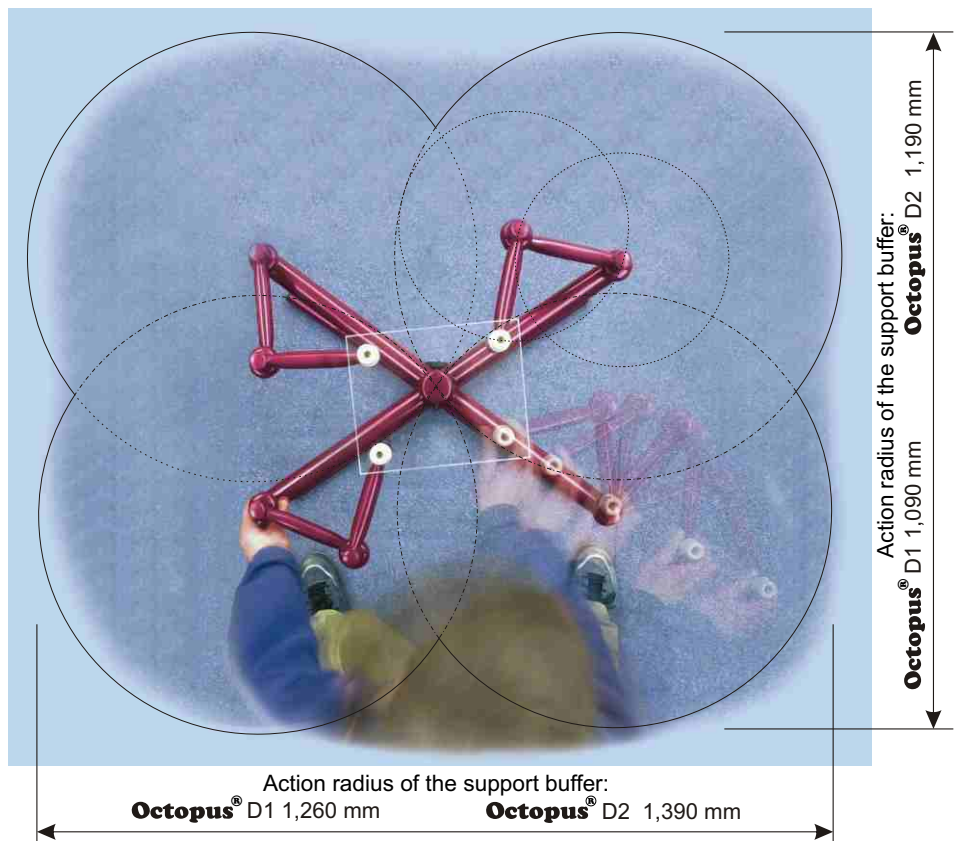
For work pieces up to 120 kg.
Enforced construction, larger base cross with adjustment screw for uneven ground.


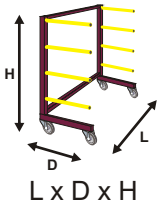
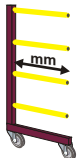
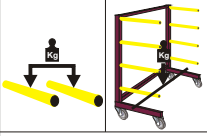




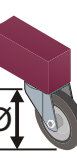














Despite thick layers of overspray the function of the pivot arms is guaranteed due to the protective construction. Long-lasting cleaning intervals are obtained.

Easy handling, long-lasting function:

- The freely positionable support buffers of the Octopus can be placed under work pieces of great variety in shape and size.
- The support buffers stay clean.
- One batch can easily be lacquered without pre-sorting in shape and size.
- The overspray can move away freely therefore it barely sticks to the bottom side of the work piece.
- Due to the turnable construction efficient spraying in the direction of the exhauster is possible.
- Ergonomic working is made possible by the continuously adjustable working height.



 <p>Mobile Racks at a glance</p>	 <p>L x D x H</p>	 <p>Length</p>	 <p>Max. loading capacity for even loading, shock force avoided</p>	 <p>Slot grit</p>	 <p>Layers</p>	 <p>Clearance</p>	 <p>Bar Ø</p>	 <p>Wheel Ø</p>	
DABELJU® Spacesaving, for universal use	 <p>Lmax 1,500 mm Lmin . . 300 mm D 790 mm H . . . 1,805 mm</p>								
B590 For furniture items, the handy Rack	 <p>L . . . 1,500 mm^{S)} Lmax . 2,100 mm^{S)} D 730 mm H . . . 1,810 mm</p>	590 mm	30 kg	200 kg	16	16	66 mm	23 mm	125 mm
B590-X For furniture items, adjustable length	 <p>Lmax 1,500 mm Lmin . . 250 mm D 730 mm H . . . 1,810 mm</p>								
R660 For furniture items, for heavy loads	 <p>L . . . 1,500 mm Lmax . 2,780 mm^{S)} D 830 mm H . . . 1,920 mm</p>	660 mm	55 kg						
R660-X Adjustable length, for heavy loads	 <p>Lmax 1,600 mm Lmin . . 300 mm D 830 mm H . . . 1,920 mm</p>	(770 mm) ^{S)} (900 mm) ^{S)} (1000 mm) ^{S)} (1100 mm) ^{S)}	(45 kg) (40 kg) (35 kg) (32 kg)	500 kg	31	16 ^{S)} 11 ^{S)}	66 mm 113 mm ¹¹⁾	29 mm	160 mm
R660-XX Extra long, For hevly loads	 <p>Lmax 3,200 mm Lmin . . 360 mm D 830 mm H . . . 1,920 mm</p>								
B770 For doors, the standard rack	 <p>L . . . 1,500 mm Lmax . 2,780 mm^{S)} D 940 mm H . . . 1,840 mm</p>	770 mm	45 kg						
B770-X For doors, adjustable length	 <p>Lmax 1,500 mm Lmin . . 300 mm D 940 mm H . . . 1,840 mm</p>	(900 mm) ^{S)} (1000 mm) ^{S)} (1100 mm) ^{S)}	(40 kg) (35 kg) (32 kg)	500 kg	12	12	92 mm	29 mm	160 mm
B770-XX For doors, extra long	 <p>Lmax 3,000 mm Lmin . . 360 mm D 940 mm H . . . 1,840 mm</p>								
R900 For doors, extra deep	 <p>L . . . 1,500 mm Lmax . 2,780 mm^{S)} D . . . 1,060 mm H . . . 1,920 mm</p>	900 mm	40 kg						
R900-X Adjustable length, extra deep	 <p>Lmax 1,600 mm Lmin . . 300 mm D . . . 1,060 mm H . . . 1,920 mm</p>	(1000 mm) ^{S)} (1100 mm) ^{S)}	(35 kg) (32 kg)	500 kg	31	11 ^{S)} 16 ^{S)}	113 mm 66 mm ¹¹⁾	29 mm	160 mm
R900-XX Extra long, extra deep	 <p>Lmax 3,200 mm Lmin . . 360 mm D . . . 1,060 mm H . . . 1,920 mm</p>								

Modifications reserved!

^{S)} As a special order or adapted at a later date.

¹¹⁾ If the Mobile Rack is equipped with 11 layers of carrying bars.

¹⁶⁾ If the Mobile Rack is equipped with 16 layers of carrying bars.

Example for a type designation with equipment level

B590 - 2/2

Type designation

Number of slot in racks
With carrying bars equipped frame poles

The standard levels of equipment:



E.g. B770-2/2

For universal use. Suitable for long and short pieces at the same time.



E.g. B770-1/1

Variable. Slot in racks and carrying bars can be added.



E.g. B770-2/0

Only for long pieces. Slot in racks can be added at a later date.