

JOWI[®]

Mobile
Storage Systems

**Closer to
your needs:**
with Mobile Racks and
Transport Racks
from JOWI



Converting idle space into maximum productivity

With Mobile Racks and Transport Racks by JOWI,
the materials you need are always within reach.

1 contract

60 parts

473 kilogrammes

Handles 1.87 m apart.
Quickly and easily convertible to
2.21 m. Or 1.53 m.

1 person



Maximum productivity

- Racks for clearly arranged and well organised manufacturing material
- Easy access to every part in any order
- Mobile intermediate storage that reduces idle space. Easy for one person to manoeuvre in tight spaces, ensuring your material moves through the production process, exactly as the changing workstations require.

Tidy and secure

- Stacking surfaces covered with plastic to protect your material, tolerate varnish and oil
- Rack can be secured by lockable castors
- Space optimisation: separated storeys look after your material.

Simple and flexible

- Adjustable storey height – simple system with hexagon socket set screws
- Fully adjustable rack length in scissor model designs – quick and easy to adjust
- Stackable. Compact. Ingenious.

Mobile Racks
from page 4

Transport Racks
from page 10

Spray table
Page 16

JOWI Mobile Racks

It doesn't matter what you're working on and where. Because what matters is always within reach.



Storing everything in one place

Integrated material logistics, instead of shifting material from one pallet to the next. When you've finished working, return your material to exactly where you got it from. In order. Well organised. Always within reach.

You decide how much space you need between each storey.

A few quick and easy turns of a hexagon socket set screw is all it takes to adjust the height of each storey to exactly how you want it.



Manoeuvring is child's play –

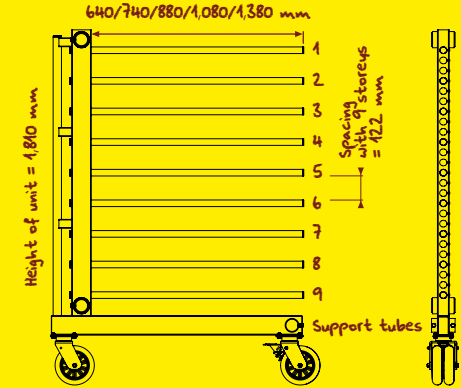
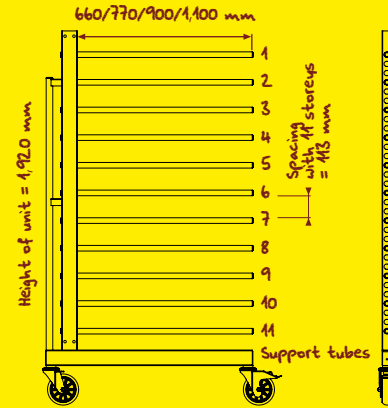
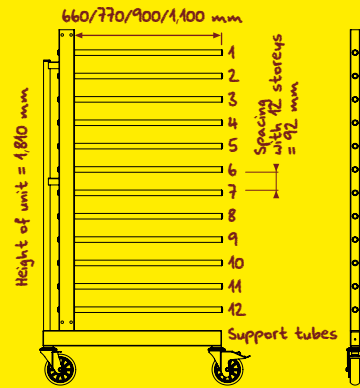
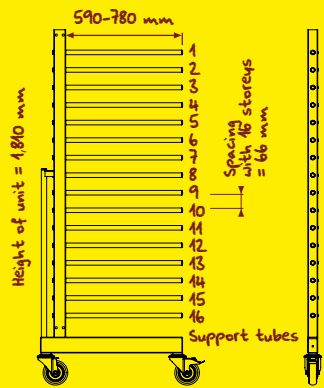
even in restricted areas with a full load, thanks to ball bearing steering castors and their convex tread.



"Scissor" frame or fixed frame: you save space whichever you choose.

Unloaded JOWI fixed frame racks stack simply inside one another. And it's just as simple if you choose the scissor frame design. The length of empty racks can quickly and easily be reduced to a fraction of their overall length.





The B series

Maximum manageability and manoeuvrability

A tried and trusted standard design, perfect for moderately heavy material, including furniture parts.

- **Diameter of castors:** 125 mm
- **Max. load per rack:** 200 kg
- **Storeys and spacing:** 16 storeys with 66 mm spacing
- **Max. load per support tube:**
 - Length: 590 mm = 15 kg
 - Length: 780 mm = 11 kg



The C Series

Even stronger

Perfect for storing and transporting standard dimension doors, and much much more...

- **Diameter of castors:** 160 mm
- **Max. load per rack:** 500 kg
- **Storeys and spacing:** 12 storeys with 92 mm spacing
- **Max. load per support tube:** Length: 770 mm = 22 kg

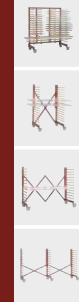


The R Series

As strong as the C series, but with greater flexibility and more room

Available with flexible storeys and choice of depths. High load capacity for furniture parts (model R660), enough space for doors, for example (model R900).

- **Diameter of castors:** 160 mm
- **Max. load per rack:** 500 kg
- **Storeys and spacing:**
 - 11 storeys with 113 mm spacing (standard model, R900)
 - 16 storeys with 66 mm spacing (standard model, R660)
- **Max. load per support tube:**
 - Length: 660 mm = 28 kg
 - Length: 900 mm = 20 kg
 - Length: 1,100 mm = 16 kg



Quercus

Modular solution with high load capacity

For maximum stability. Guaranteed mobility, even for large and heavy parts. Customisable length up to 6 m.

- **Diameter of castors:** 200 mm (double castors)
- **Max. load per rack:** 1,500 kg or more (750 kg per L-shaped upright on castors)
- **Storeys and spacing:**
 - 7 storeys with 174 mm,
 - 9 storeys with 122 mm,
 - 13 storeys with 70 mm spacing
- **Max. load per support tube:**
 - Length: 640 mm = 60 kg
 - Length: 740 mm = 50 kg
 - Length: 880 mm = 42 kg
 - Length: 1,080 mm = 35 kg
 - Length: 1,380 mm = 27 kg



Models The B series

Maximum manageability
and manoeuvrability

GOOD
TO
KNOW

Fixed or scissors?

Fixed frame racks with adjustable i-shaped uprights are perfect for material of different lengths, or for high load capacity storeys. If you are loading material of similar lengths, we recommend the compact JOWI scissor rack whose length can be adjusted (e.g. X and XX designs).

Do you want varnishing to be quick AND clean?

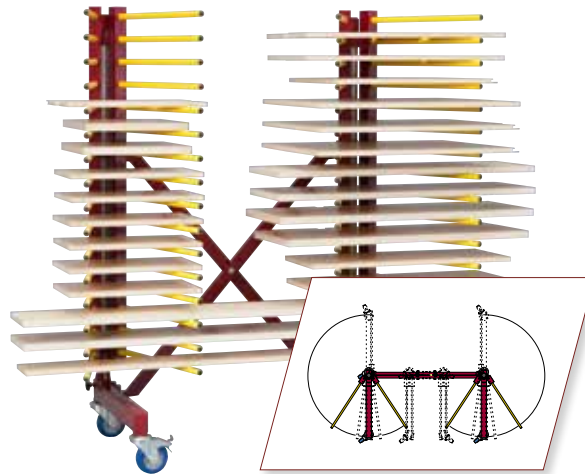
Store all varnished parts in your JOWI rack – starting from the top. This cuts out all varnish defects that are commonly caused by falling dust or dirt particles.



The "worker bee":

B590-2/2

Perfect for furniture manufacturing companies: provides flexible storage and transport solutions for cupboard doors, unit parts or similar material.



The versatile rack:

Dabelju B590-VV

Scissor design for adapting the length of the rack, combined with i-shaped uprights and V-shaped swivel storeys. Loadable from two sides. Simply pull the telescopic chassis out at the back and fold back the i-shaped uprights. Creates maximum flexibility for loads of different lengths.



The compact rack:

B780-X

Convenient and reliable - with adjustable rack length between 500 and 1,470 mm. Perfect for loads of similar lengths – from 600 mm long.

Summary of all models and specifications on page 17

Models The C series

Even stronger

GOOD
TO KNOW

How deep does your storage rack need to be?

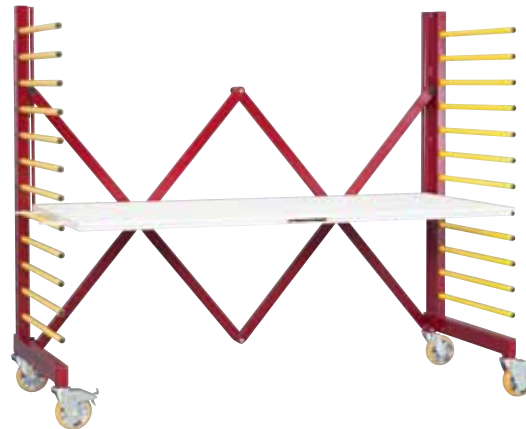
The depth of your storage rack is determined by the most common width of your material. The ends of the support tubes should be visible when the rack is loaded, giving an indication of where further material can be stored. JOWI extension tubes are available to lengthen individual support tubes.



The high performer:

C660-2/2

The 92 mm space between storeys is perfect for storing doors or staircase parts. For example, two steps or two stringers can be stacked one behind the other. This model is customised to the specific needs of our clients.



The precision rack:

C770-XX

Do you use lateral bolts to varnish doors? The length of this scissor design rack can be adjusted exactly to the length of your material – up to 3.2 m.



The "pack-horse":

C770-X3

Precision-adjustable length, combined with special high load capacity and extra support due to the third L-shaped upright. The right choice for long and heavy material, such as boards, planks etc.

Summary of all models and specifications on page 17

Models The R series

As strong as the C series, but with greater flexibility and more room.



The unshakeable rack:

R660-X

The more stable alternative to the B590-X (page 6).



The spacious rack:

R900-2/2

A space of 113 mm between storeys provides ample room for doors that are bigger than standard dimensions. Can support between 40 and 80 kg loads per storey. Extra i-shaped uprights available.



The profound rack:

R1100-X3

A support depth of 1,100 mm means this rack is stable and secure when handling large-size material.

GOOD
TO KNOW

How flexible do you want your JOWI?

As flexible as our standard design? (In other words, highly flexible.) Or even more flexible? Our fixed frame racks allow you to optimise the position of the i-shaped uprights. Simply insert them into the holes provided, approx. 50 mm apart, or insert additional i-shaped uprights.



In a league of its own: Quercus

Modular solution with heavy load capacity

Load up, load up... and let wagons roll!

Quercus, the old oak tree amongst JOWI Mobile Racks, is renowned for its sturdy, robust welded steel design. Convenient storage up to 6 m in length, with virtually unlimited load capacity – carrying loads of 1,500 kg and more! Not to mention its capacity for growth – Quercus combines strength with modular flexibility. The design is tailor-made to your needs, including customisable:

- L-shaped uprights with castors: Every upright increases Quercus' load capacity by an extra 750 kg.
- i-shaped uprights without castors: create extra support points and increase maximum storey load capacity
- Cross tubes: between 0.8 and 6.0 m, depending on how long you need your rack

- Uneven floor or heavy load? A third cross tube must be added to the front of the chassis if the depth of the rack exceeds 880 mm.

The high quality double castors ensure easy manoeuvrability – even when the Quercus is fully loaded.

Quercus at a glance

- **All-round customisable:**
 - Rack length using cross tubes of between 0.8 and 6.0 metres
 - Support depth and maximum load capacity
 - Number of storeys and spacing
- The **i-shaped uprights** are fully adjustable
- Each L-shaped upright is fitted with one **lockable castor**
- **Compact:** Simply stack your racks inside one another (models with 2 cross tubes)
- Max. spacing between L-shaped uprights when using i-shaped uprights:
 - 2 m for loads of up to 750 kg per L-shaped upright
 - 3 m for loads of up to 350 kg per L-shaped upright



Summary of all models and specifications on page 18

JOWI Transport Rack

Because it's good to get
your material going.



Standing firm

Lets you transport large-size or long material in an upright position. Space-saving and surface-friendly – thanks to the plastic-coated support tubes that separate the compartments. The slightly tilted design makes the load stable and helps prevent damage.

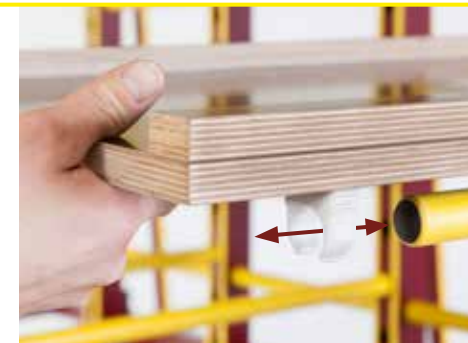
Length of parts up to 2,500 mm

Compact solution for safely storing, transporting and feeding material through the production process.



Adjustable intermediate shelves

with smooth, easy-to-clean surfaces.
For particularly sensitive loads, brush-coated shelves are available on option.



Everything under control

With ergonomic handles and high quality steering castors, all parts are transported safely – exactly where you want them!





Gecko:
the quick task-force

The good all-rounder. For transporting rods up to approx. 2.5 m in length and boards up to approx. 600 mm in width and approx. 2.5 m in length. Inclined to the side and to the back. Parts stored side by side.

- **Max. load capacity:** 400 kg (narrow option) or 600 kg (wide option)
- Intermediate shelves available
- Can alternatively be used for horizontal storage, e.g. for round parts, **without needing to alter the rack**

Nautilus:
for big or small material

Transports a combination of different material and boards up to 2.5 m in length. Additional capacity at the back for storing large-sized parts up to approx. 3 x 2 m. Inclined to the side. Parts stored side by side.

- **Max. load capacity:** 600 kg
- Intermediate shelves available
- Also suitable for horizontal storage **without needing to alter the rack**

Capreolus:
takes special care of your material

Transports boards with delicate surfaces – up to 2.5 m in length. Inclined to the side. Storage in separate compartments. Extra capacity as an option for the back of the rack, allowing storage of large-sized material up to approx. 3 x 2 m. Parts stored side by side.

- **Max. load capacity:** 600 kg
- Intermediate shelves not available. Brush-coated bottom shelves available on option to protect delicate surfaces.
- Not suitable for horizontal storage

Picus:
for boards and frames

Transports large-sized material up to approx. 3 x 2 m. Maximum height for frames: 1.6 m. Inclined to the back. Parts stored side by side.

- **Max. load capacity:** 600 kg
- Support tubes for additional intermediate storeys available. (For storing planks on top of one another, or rods.)

N.B.: Large-size loads always need to be secured (e.g. with suitable restraining straps)!

Quick task-force:

Gecko

Also suitable for rods

Even rods stay in place when transported: The design of the Gecko rack, inclined to the side and to the back, makes it an extremely stable, highly manoeuvrable all-rounder for your manufacturing needs.

With a narrow or slighter wider design, the Gecko comes in **two different dimensions** so that there's always one to meet your needs:

- For even greater manoeuvrability: with 2 compartments (320 mm spacing; GE2-2/1 as shown)
- For even greater capacity: with 4 compartments, i.e. twice as wide (GE3-3/2)

Both unit designs have a depth (shelf and support tubes) of 590 mm.

How do I choose the right rack? The depth of rack should roughly correspond to the maximum size of the material to be stored. In certain circumstances, parts can protrude slightly.



GE2-590-2/1-24-1/1



Castor with directional locking

(only as standard on the Gecko GE2-2/1): The manoeuvrability of a steering castor – which can be switched to fixed castor for straight steering when needed: available on option for all JOWI Transport Racks as well as Mobile Racks in the C and R Series.

Summary of all models and specifications on page 18

For big or small material:

Nautilus

Telescopic

The depth of the Nautilus can be extended. And extended. While smaller parts can be carried on the front of the rack, the telescopic extension on the back provides you with extra storage space – designed for large-size boards up to 3 × 2 m.

The width of the Nautilus provides 4 compartments with 320 mm spacing. Our rack designs offer two alternative depths:

- Depth: 590 mm (shelf and support tubes)
- Depth: 780 mm (shelf and support tubes)

All material can be transported either horizontally or vertically at the front. The Nautilus is a mobile solution that can cope with both big and small parts, making it ideal for grouping together, storing and transporting material for the same contract.



The integrated telescopic extension creates more room for storing boards on the back of the rack.

NA2-590-3/2-40-1/2



Summary of all models and specifications on page 18

Takes special care of your material

Capreolus

CA2-590-4-92

When extra care is needed

Material with delicate surfaces can also be transported on a compact rack, ensuring it is always within easy reach. Not only do the Capreolus' 22 compartments provide ample storage space, the rack is also a secure solution that takes care of your material – because no two parts come into contact with one another.

The Capreolus is the transporter on the safe side – with increased stability of inclined, vertical loads, height-adjustable cross tubes, plastic coated support tubes and smooth shelf surface, which can also be coated with brushes on option.

A range of rack dimensions ensures Capreolus responds to specific requirements:

- 1 length of rack
(22 compartments with 40 mm spacing; 11 compartments with 103 mm spacing)
- 3 different depths of rack
(shelf and support tubes: 590 mm, 780 mm, 920 mm)



Adjustable compartment spacing:
to make the compartment size bigger, simply undo the hexagon socket set screw to release the support tube.



Summary of all models and specifications on page 18

For boards and frames

Picus

Fresh off the rack

The latest invention from JOWI: Picus is the rack you're looking for if you want to transport various large-sized boards or frames measuring up to 3 m. It can also be customised for the horizontal storage of narrow parts. You'll be surprised how light this simple design is. Not only does the inclined storage increase stability, but the load can also be secured with the hinged catch and a suitable restraining strap. Making it easy to take with you on any site.

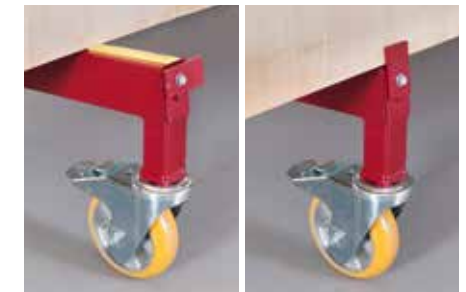
Picus is available in a range of dimensions:

- Available widths:
Design X (up to 1.5 m)
and design XX (up to 3 m)
- The support depth is 360 mm,
customised dimensions available upon request



Picus at a glance

- Specifications: PI1-360-X or PI1-360-XX
- Height: 1,970 mm
- Length: 500–1,600 mm
(500–3,200 mm design XX)
- Depth: 750 mm
- Slot grids: 31
- Depth of support: 360 mm
- Height of support: 1,650 mm
- Diameter of castors: 160 mm
- Load capacity per support tube: 50 kg
- Load capacity per rack: 600 kg



Moving safely:

The mechanical catch provides additional security to prevent loads from slipping.

Subject to technical modifications. All capacity data based on evenly distributed load, without shock loads.

Mobile Rack, model B590

- Support length: 590 mm
- Max. load capacity per support tube: 15 kg
- Slot grids: 16
- Storeys: 16
- Spacing: 66 mm
- Diameter of tubes: 23 mm
- Diameter of castors: 125 mm




Detailed information on page 6

Models	Length	Max. length	Depth	Height	Max. load capacity
 B590-VV	min. 550 mm	1,480 mm	790 mm / 1,380 mm	1,770 mm	200 kg/rack
 B590-2/2	1,510 mm	2,995 mm ^{5) 0)}	740 mm	1,810 mm	200 kg/rack
 B590-X	min. 500 mm	1,500 mm	740 mm	1,810 mm	200 kg/rack
 B590-XX	min. 500 mm	3,000 mm	740 mm	1,810 mm	200 kg/rack
 B590-X3	min. 500 mm	3,000 mm	740 mm	1,810 mm	300 kg/rack

Mobile Rack, model B780

- Support length: 780 mm
- Max. load capacity per support tube: 11 kg
- Slot grids: 16
- Storeys: 16
- Spacing: 66 mm
- Diameter of tubes: 23 mm
- Diameter of castors: 125 mm





Detailed information on page 6

Models	Length	Max. length	Depth	Height	Max. load capacity
 B780-VV	min. 550 mm	1,480 mm	980 mm / 1,760 mm	1,770 mm	200 kg/rack
 B780-2/2	1,510 mm	2,995 mm ^{5) 0)}	930 mm	1,810 mm	320 kg/rack
 B780-X	min. 500 mm	1,500 mm	930 mm	1,810 mm	320 kg/rack

Mobile Rack, model C770

- Support length: 770 mm
- Max. load capacity per support tube: 22 kg
- Slot grids: 12
- Storeys: 12
- Spacing: 92 mm
- Diameter of tubes: 29 mm
- Diameter of castors: 160 mm

Detailed information on page 7

Models	Length	Max. length	Depth	Height	Max. load capacity
 C770-2/2	1,510 mm	2,995 mm ^{5) 0)}	955 mm	1,840 mm	500 kg/rack
 C770-X	min. 500 mm	1,500 mm	955 mm	1,840 mm	500 kg/rack
 C770-XX	min. 500 mm	3,000 mm	955 mm	1,840 mm	500 kg/rack
 C770-X3	min. 500 mm	3,000 mm	955 mm	1,840 mm	750 kg/rack

Mobile Rack, model R660

- Support length: 660 mm
- Max. load capacity per support tube: 28 kg
- Slot grids: 31
- Storeys: 16 or 11⁵⁾
- Spacing: 66 mm or 113 mm¹¹⁾
- Diameter of tubes: 29 mm
- Diameter of castors: 160 mm





Detailed information on page 8

Models	Length	Max. length	Depth	Height	Max. load capacity
 R660-2/2	1,510 mm	2,995 mm ^{5) 0)}	850 mm	1,920 mm	500 kg/rack
 R660-X	min. 500 mm	1,600 mm	850 mm	1,920 mm	500 kg/rack
 R660-XX	min. 500 mm	3,200 mm	850 mm	1,920 mm	500 kg/rack
 R660-X3	min. 500 mm	3,200 mm	850 mm	1,920 mm	750 kg/rack

Mobile Rack, model R900

- Support length: 900 mm
- Max. load capacity per support tube: 20 kg
- Slot grids: 31
- Storeys: 11 or 16⁵⁾
- Spacing: 113 mm or 66 mm¹⁶⁾
- Diameter of tubes: 29 mm
- Diameter of castors: 160 mm

Detailed information on page 8

Models	Length	Max. length	Depth	Height	Max. load capacity
 R900-2/2	1,510 mm	2,995 mm ^{5) 0)}	1,090 mm	1,920 mm	500 kg/rack
 R900-X	min. 500 mm	1,600 mm	1,090 mm	1,920 mm	500 kg/rack
 R900-XX	min. 500 mm	3,200 mm	1,090 mm	1,920 mm	500 kg/rack
 R900-X3	min. 500 mm	3,200 mm	1,090 mm	1,920 mm	750 kg/rack

Subject to technical modifications.
 All capacity data based on evenly distributed load, without shock loads.





⁵⁾ customised design
⁰⁾ optional length 2,060 mm / 2,335 mm / 2,995 mm

¹⁶⁾ when fitted with 16 support tubes
¹¹⁾ when fitted with 11 support tubes

Mobile Rack, model R1100

- Support length: 1,100 mm
- Max. load capacity per support tube: 16 kg
- Slot grids: 31
- Storeys: 11 or 16⁵⁾
- Spacing: 113 mm or 66 mm¹¹⁾
- Diameter of tubes: 29 mm
- Diameter of castors: 160 mm


Detailed information on page 8

	Models	Length	Max. length	Depth	Height	Max. load capacity
	R1100-2/2	1,510 mm	2,995 mm ⁵⁾ 0)	1,290 mm	1,920 mm	500 kg/rack
	R1100-X	min. 500 mm	1,600 mm	1,290 mm	1,920 mm	500 kg/rack
	R1100-XX	min. 500 mm	3,200 mm	1,290 mm	1,920 mm	500 kg/rack
	R1100-X3	min. 500 mm	3,200 mm	1,290 mm	1,920 mm	750 kg/rack

Mobile Rack, model Quercus

- Standard length of cross tubes (rack length): 800 mm, 1,200 mm, 1,500 mm, 2,000 mm, 3,000 mm, 4,500 mm, 6,000 mm
- Storey spacing with 7 storeys: 174 mm, with 9 storeys: 122 mm, with 13 storeys: 70 mm
- Slot grids: 25
- Diameter of tubes: 34 mm
- Diameter of castors: 200 mm (double steering castors)


Detailed information on page 9

	Models	Support/length	Max. load capacity	Depth	Height	Max. load capacity
	Q640	640 mm	60 kg/support tube	880 mm	1,810 mm	750 kg/L-shaped upright
	Q740	740 mm	50 kg/support tube	980 mm	1,810 mm	750 kg/L-shaped upright
	Q880	880 mm	42 kg/support tube	1,120 mm	1,810 mm	750 kg/L-shaped upright
	Q1080	1,080 mm	35 kg/support tube	1,320 mm	1,810 mm	750 kg/L-shaped upright
	Q1380	1,380 mm	27 kg/support tube	1,620 mm	1,810 mm	750 kg/L-shaped upright

Transport Rack, model Gecko

- Support length: 590 mm
- Max. load capacity per support tube: 15 kg
- Small/large shelf: 30 kg/400 kg
- Storeys: 8 or 11⁵⁾
- Spacing: 166 mm or 103 mm¹¹⁾
- Diameter of tubes: 23 mm

Detailed information on page 12

	Models	Length	Depth	Height	Max. load capacity
	GE2-590-2/1	890 mm	800 mm	1,710 mm	400 kg/rack
	GE3-590-3/2	1,586 mm	800 mm	1,710 mm	600 kg/rack

Detailed product information


Transport Rack, model Picus

can be found on page 15 of this brochure.

Transport Rack, model Nautilus

- Support length: 590 mm* or 780 mm**
- Max. load capacity per support tube: 15 kg* or 11 kg**
- Small shelf: 30 kg* or 22 kg**
- Storeys: 8 or 11⁵⁾
- Spacing: 166 mm or 103 mm¹¹⁾
- Diameter of tubes: 23 mm
- Diameter of castors: 160 mm

Detailed information on page 13

	Models	Length	Depth	Max. depth	Height	Max. load capacity
	*NA2-590	1,586 mm	850 mm	975 mm	1,710 mm	600 kg/rack
	**NA2-780	1,586 mm	940 mm	1,165 mm	1,710 mm	600 kg/rack

Transport Rack, model Capreolus

- Compartment width: 40 mm or 103 mm¹¹⁾
- Diameter of tubes: 23 mm
- Diameter of castors: 160 mm

Detailed information on page 14

	Models	Length	Depth	Height	Usable length	Compartments	Max. load capacity
	CA1H-590	860 mm	720 mm	1,740 mm	590 mm	10 or 5 ⁵⁾	400 kg/rack
	CA2-590	1,600 mm	725 mm	1,740 mm	590 mm	22 or 11 ⁵⁾	600 kg/rack
	CA2-780	1,600 mm	915 mm	1,740 mm	780 mm	22 or 11 ⁵⁾	600 kg/rack
	CA2-920	1,600 mm	1,055 mm	1,740 mm	920 mm	22 or 11 ⁵⁾	600 kg/rack

Subject to technical modifications.
All capacity data based on evenly distributed load, without shock loads.

⁵⁾ customised design
⁰⁾ optional length 2,060 mm / 2,335 mm / 2,995 mm

¹⁶⁾ when fitted with 16 support tubes
¹¹⁾ when fitted with 11 support tubes

JOWI: The success story

100% designed 'on the job'

The story dates back to the end of the 1960s. For his own needs, Josef Winkler's father built a Transport Rack for use in his joinery. It paid off right from the beginning. So much so, that Winkler Jr. found his new vocation in the development and sales of mobile transport systems. The whole design of JOWI racks still reminds us that they were designed in a manufacturing company rather than on the drawing board.

Many ideas, but just the one high standard

Full of innovative ideas, a sound technical background and an uncompromising vision of quality, Josef Winkler, since taking over the family business in 1995, has been developing the JOWI product range to create a leading benchmark in the world of Mobile Racks and Transport Racks for trade and industry.

A global-oriented family business

Martina Winkler knows just how well the customer focus and sense of quality of a family-run business goes hand in hand with an international market presence. As sales manager at JOWI, she is the first contact for costumers throughout Europe, not to mention in over 40 countries throughout the world!



Do you want to have your material close at hand?

Contact your JOWI representative to find out how!

JOWI products boost the efficiency of technical varnishing or furniture manufacturing equipment, which is why they are sold world-wide through a network of international distributors.

JOWI also provides customers with advice and accessories via its distributors or through its own sales services. JOWI products are sturdy, lasting for many years without the need for maintenance. JOWI and their authorised distributors are at your service for any additional requirements or in the event of damage to one of your JOWI products.



**How do YOU make
sure that your working
material is always
within easy reach?**

**Simply solutions.
With JOWI Mobile Racks
and Transport Racks,
your material flow
never stops flowing.**



JOWI. Quality, made in Austria.

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