Wide-span shelving

– bridging high requirements

Systems Design
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» 4 systems for every application

WS 2000

Shelf loads up to 400 kg

- Maximum **shelf load 400 kg**
- Maximum **bay width 2,500 mm**
- With **MULTIplus** T-profile frames
- Combinable with the SCHULTE Lagertechnik plug-in system

WS 3000

Shelf loads up to 500 kg

- Maximum **shelf load 500 kg**
- Maximum **bay width 2,500 mm**
- With multifunctional columns

For light loads

WS 2000

WS 2000 wide-span shelving is designed for long loads and to span large widths. Construction heights of up to 7.5 metres can be achieved.

Its compatibility with the plug-in system and the available accessories makes the WS 2000 an ingenious shelving system for a range of applications.

For medium loads

WS 3000

WS 3000 wide-span shelving has frames made of multifunction columns, which allow installation heights of up to 12 metres.

The special beams for the WS 3000 wide-span shelving and the partitioning options also offer lots of space for different types of items.

Z1

Shelf loads up to 776 kg

- Maximum **shelf load 776 kg**
- Maximum **bay width 2,450 mm**
- Quick and fully pluggable assembly using angle profiles with keyhole slots

W 100

Shelf loads up to 1,015 kg

- Maximum **shelf load 1,015 kg**
- Maximum **bay width 2,500 mm**
- Extremely high load capacity through robust truss framework

For heavy loads

Z1

Z1 wide-span shelving has a load capacity of up to 776 kg per level and is particularly well suited for storing medium-heavy stored loads.

The simple plug-in construction offers fast and easy assembly.

For highest loads

W 100

W 100 is the most stable wide-span shelving we offer. Only pallet racking has a higher load capacity. If you want to store heavy goods conveniently you can't go past the W 100.

Depending on the shelf load you require, two different beam types are available.

» WS 2000 wide-span shelving

Shelf loads up to 400 kg · bracing through beams

Planning

Wide-span shelving may only be loaded manually.

Combinable with the plug-in shelving system.

Due to transport reasons, the frames are delivered disassembled.

For the **Multiplus** version, T-profiles and side elements are supplied pre-inserted for complete shelving units.

Safety

Shelving with a height/depth ratio greater than 5:1 must be secured against tipping in accordance with the DGUV (German statutory accident insurance association) regulation 108-007 (BGR 234).

Example:
A shelving unit with a depth of 400 mm and a height of 2,500 mm must be secured by means of wall or base anchoring or straps at the top (see fixing accessories, page 81-85).

The specified load capacities apply to uniformly distributed loads per shelf.

Assembly measurements

Starter shelving:
nominal length + 60 mm

Extension shelving:
Nominal length + 6 mm

Total frame depth:
nominal depth + 36 mm

Height of the beams: 65 mm

Buckling length:
The free buckling length must not exceed 600 mm. Larger buckling lengths are possible on request.

All prices without fittings. The tables show ordering examples. Other dimensions and versions on request.

Bracing through beams
Bracing of the shelving is carried out using special beams to bridge wide distances.

Shelving with wire mesh baskets
Special fine-mesh wire baskets enable you to store a wide range of different small parts on one level.

25 mm perforation grid
Thanks to the small grid perforation of only 25 mm, it is possible to almost infinitely adjust the levels.

Product features

- Maximum shelf load up to 400 kg
- Large storage volume in a small space
- Easy to store bulky and voluminous items
- Savings in time thanks to short picking sequences as a result of double-sided use
- Easy to erect by simply plugging in the beams
- Storage either on steel shelf levels, 19 mm chipboard or in wire baskets
- The height of the levels can be adjusted in increments of 25 mm
- Individual adaptation to spatial conditions and to the stored items with 4 shelf widths

Quick finder

Complete shelving units	166-167
System components and individual parts	168
Wire mesh basket shelving	169

Compatible with the plug-in system

WS 2000 wide-span shelving is compatible with the shelves from the plug-in system (page 14-111).

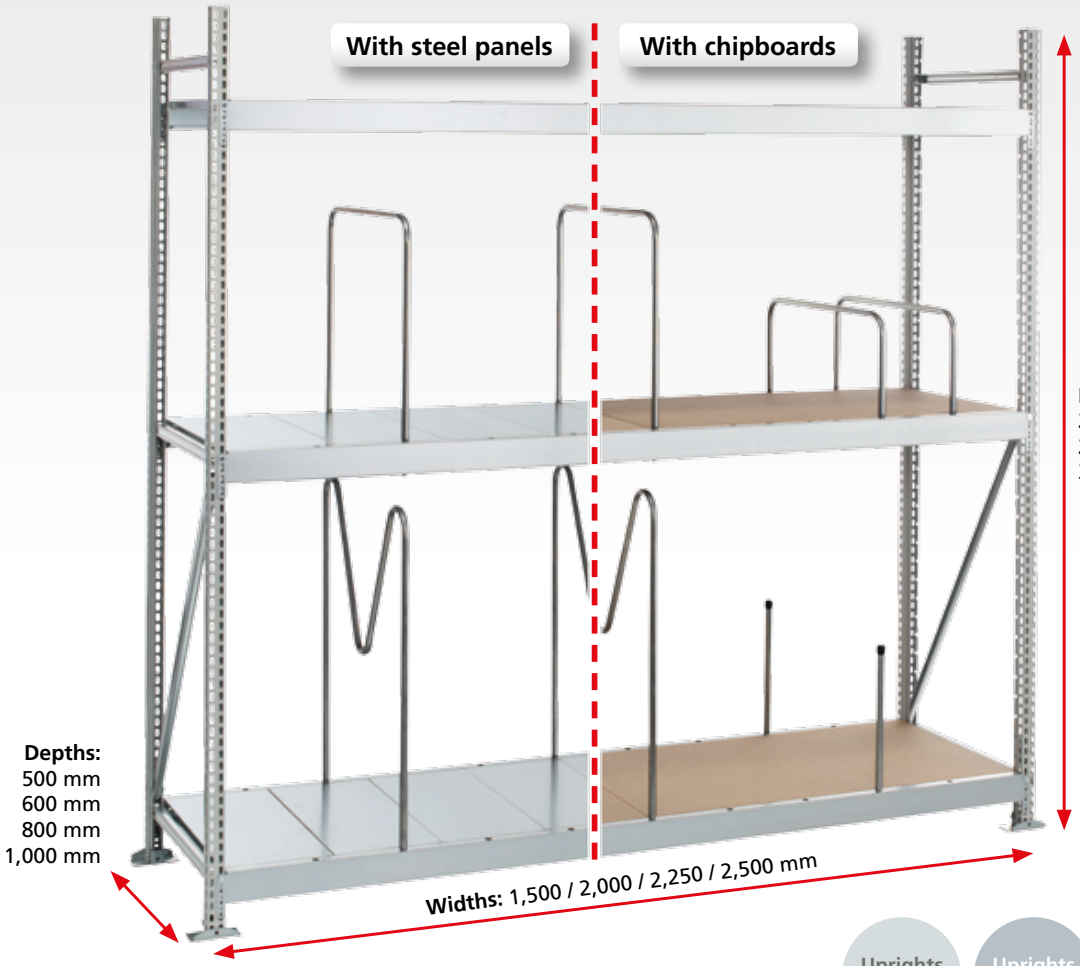
All prices without fittings. The tables show ordering examples. Other dimensions and versions on request.

» WS 3000 wide-span shelving

Shelf load up to 500 kg · bracing through beams

3 years heavy duty warranty

5 DAYS EX STOCK



Uprights RAL 7035

Uprights galvanised

Framework galvanised

Planning

Wide-span shelving may only be loaded manually.

The specified load capacities apply to uniformly distributed loads per shelf.

Due to transport reasons, the frames are delivered disassembled.

Safety

Shelving with a height/depth ratio greater than 5:1 must be secured against tipping in accordance with the DGUV (German statutory accident insurance association) regulation 108-007 (BGR 234).

Example:
A shelving unit with a depth of 400 mm and a height of 2,500 mm must be secured by means of wall or base anchoring or straps at the top (see fixing accessories, page 81-85).

The specified load capacities apply to uniformly distributed loads per shelf.

Assembly measurements

Starter shelving:
nominal length + 86 mm

Extension shelving:
Nominal length + 43 mm

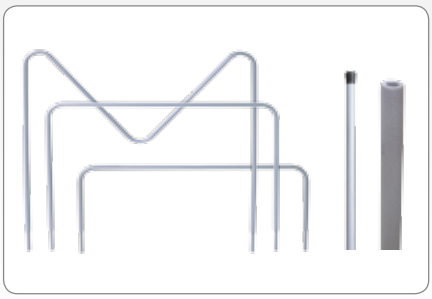
Frame depth total:
nominal depth

Height of the beams: 70 mm

All prices without fittings. The tables show ordering examples. Other dimensions and versions on request.

Bracing through beams

Bracing of the shelving is carried out using perforated beams to bridge large distances.



Various partitioning options

The system perforation of the beams makes various partitioning options a possibility.

Multifunctional frames

The multifunctional frames have perforations at 25 mm increments, meaning the levels can be adjusted almost infinitely.

Product features

- With MF-40 multifunctional frames
- Maximum shelf load 500 kg
- Optimal storage on steel panels or 19 mm chipboard
- Height of levels can be adjusted in increments of 25 mm
- Lateral beams with perforations every 200 mm
- Individual adaptation to spatial conditions and to the stored items with 4 shelf widths
- Flexible partitioning
- Large storage volume in a small space
- Time saved thanks to short picking sequences as a result of double-sided use
- Easy to adapt to the items being stored by simply plugging in the beams

Quick finder

Complete shelving units	172-173
System components and individual parts	174-177

Aim high with multifunction frames

The new SCHULTE multifunctional frames offer even greater flexibility for optimum utilisation of space.

As wide-span shelving, the multifunctional frames have been designed for a broad range of applications. Multifunctional columns allow construction heights up to 12 m and field loads up to 10 tons.

All prices without fittings. The tables show ordering examples. Other dimensions and versions on request.

» Z1 wide-span shelving

Shelf load up to 776 kg · bracing by supports and beams

Profiles blue

Crossbars orange

Galvanised

Planning

Wide-span shelving may only be loaded manually.

The specified load capacities apply to uniformly distributed loads per shelf.

Safety

Shelving with a height/depth ratio greater than 5:1 must be secured against tipping in accordance with the DGUV (German statutory accident insurance association) regulation 108-007 (BGR 234).

Example:
A shelving unit with a depth of 400 mm and a height of 2,500 mm must be secured by means of wall or base anchoring or straps at the top (see fixing accessories, page 81-85).

The specified load capacities apply to uniformly distributed loads per shelf.

Assembly measurements

Starter shelving:
nominal dimension = external dimension

Frame depth total:
nominal dimension = external dimension

Height of the supports and crossbars:
for bay width 1,536 mm = 72 mm
for bay width 1,841 mm = 79 mm

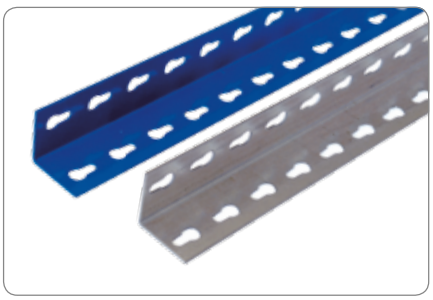
All prices without fittings. The tables show ordering examples. Other dimensions and versions on request.

Bracing with supports and crossbars

Bracing of the shelving is carried out using supports and crossbars to bridge large distances.

Steel panels or chipboard

Depending on the application and the required shelf load steel panels or chipboard can be used for all Z1 shelving.



Angle profile with keyhole slots

48 x 48 mm

Product features

- Maximum shelf load 776 kg
- Optimal storage on steel panels or 16 mm chipboard
- Height of levels can be adjusted in increments of 38 mm
- Optimal adjustable according to the spatial conditions and the items with 4 shelving widths and 3 shelving heights
- Easy to store bulky and voluminous items
- Time saved thanks to short picking sequences as a result of double-sided use
- Quick and fully pluggable assembly without bolts using keyhole slots in the profiles

Quick finder

Complete shelving units	180-182
Packing table	183
System components and individual parts	184-185

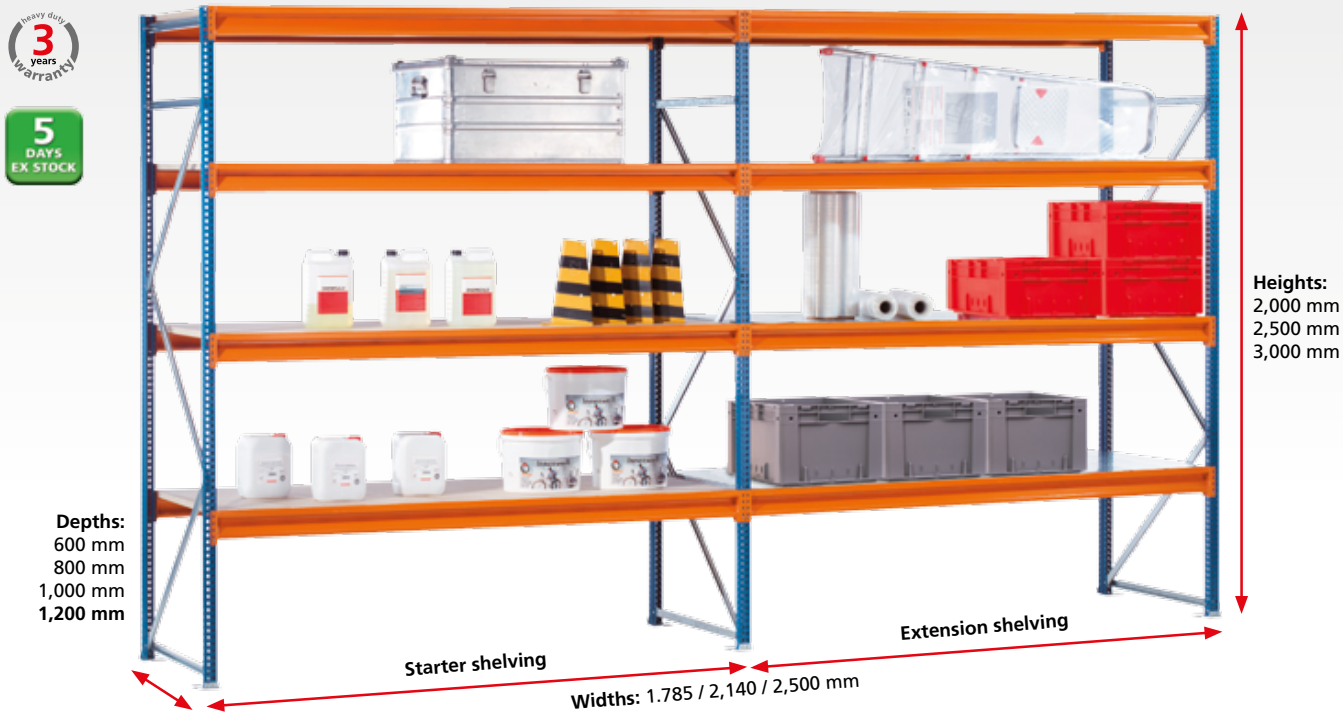
Very easy to assembly!

The Z1 is fully pluggable and very easy to assemble. The system is made up only of starter shelving, connected together.

All prices without fittings. The tables show ordering examples. Other dimensions and versions on request.

» W 100 wide-span shelving

Shelf load to 1,015 kg · bracing by beams



Uprights blue

Beams orange

Framework galvanised

Planning

Wide-span shelving may only be loaded manually.

The specified load capacities apply to uniformly distributed loads per shelf.

Due to transport reasons, the frames are delivered disassembled.

Safety

Shelving with a height/depth ratio greater than 5:1 must be secured against tipping in accordance with the DGUV (German statutory accident insurance association) regulation 108-007 (BGR 234).

Example:
A shelving unit with a depth of 600 mm and a height of 3,500 mm must be secured by means of wall or base anchoring or straps at the top (see fixing accessories, page 81-85).

The specified load capacities apply to uniformly distributed loads per shelf.

Assembly measurements

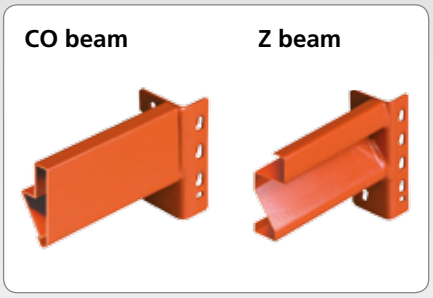
Total shelving length:
nominal length +
number of columns x 57 mm

Total shelving depth:
nominal depths + 2 mm

Beam height:

Z 82:	80 mm
Z 101/102:	105 mm
CO:	65 mm

All prices without fittings. The tables show ordering examples. Other dimensions and versions on request.



Bracing through beams

Bracing of the shelving carried out with CO beam or Z beam. The highly profiled Z beam is optimal for heavy loads.

Steel panels or chipboard

Depending on the application and the required shelf load, steel panels or chipboard can be used.

Upright frames

The frames are constructed of columns and framework strutting making them ideal for heavy loads.

Product features

- Maximum shelf load 1,015 kg
- Maximum bay load 3.8 t
- Storage of the goods optionally on steel panels or 25 mm chipboard decking
- Different types of beams according to the required shelf load
- Optimal height adjustment of the storage room in increments of 25 mm
- Optimal adjustable according to the spatial conditions and the items with 3 shelving widths and 3 shelving heights
- Easy to store bulky and voluminous items
- Easy to adapt to the items being stored by simply plugging in the beams
- Loading and unloading of the stock items possible from both sides

Quick finder

Complete shelving units	188
System components and individual parts	189
W 100 environmental shelving	190-191

Only load and unload wide-span shelving by hand!

In spite of the high load capacity and the similarity to pallet racking wide-span shelving must only be loaded and unloaded by hand and not with a forklift.

All prices without fittings. The tables show ordering examples. Other dimensions and versions on request.