

Systems Design

Storage Equipment and Materials Handling

smarter.storing.solutions



Shelving systems Wide-span shelving Pallet racking Cantilever racking Shelving systems and mezzanine systems



» Plug-in system

Modular, flexible, innovative

- Fast and simple installation, flexible retrofitting possible
- Modular adaptation of the shelving thanks to comprehensive range of system accessories and compatibility
- Offers single-sided or double-sided use
- Suitable for constructing double shelving and multi-level shelving systems
- High flexibility and easy exchange of the accessory parts thanks to the **MULTIplus** perforation system
- Manual placing and removal
- The load capacity of the **MULTIplus** shelves can be immediately identified by the stamped mark on the front edge. This prevents overloading.



» MULTIplus T-profiles

Height can be varied
by increments of 25 mm

The perforations in the **MULTIplus** T-profiles in the SCHULTE plug-in system are arranged in a 25 mm grid. In combination with the **MULTIplus85** and **MULTIplus150** shelves, which also feature an edge height of 25 mm, this enables unique flexibility when it comes to adjusting the height and utilising the storage capacity.

The compatibility of the grid and shelves makes it possible to optimally adapt them to suit the items to be stored, thus enabling the greatest possible utilisation of the space.

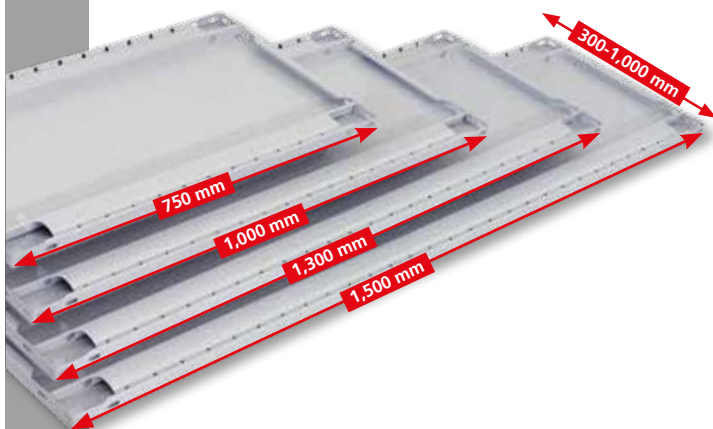
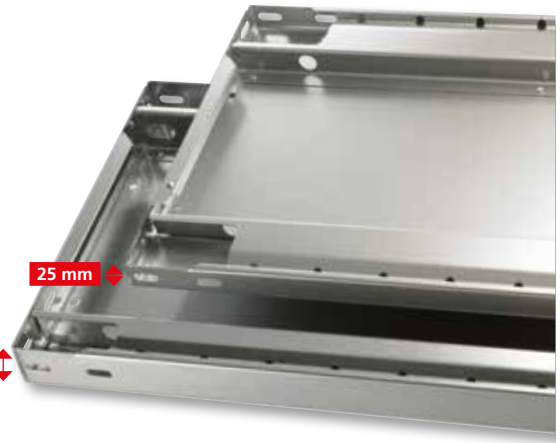


» MULTIplus shelves

» Variable edge heights of 25 and 40 mm

The shelves from SCHULTE Lagertechnik are available with edge heights of 25 mm and 40 mm. The load capacity of the Multiplus shelves can be immediately identified by the stamped mark at the front edge.

TIP With their 25 mm edge height in combination with our T-profile 25 mm grid, our **MULTIplus85** and **MULTIplus150** shelves offer you optimal utilisation of the storage area.



» Variable widths and depths for optimal adjustability

The SCHULTE Lagertechnik shelves are available in four different widths and a wide range of depths. This enables optimal adaption to the existing storage area and the stored goods.

» Variable shelf load capacity for all types of items

SCHULTE Lagertechnik offers four different types of shelf to suit the most diverse requirements on the load capacity of the shelf.

NEW The new **MULTIplus85** shelf replaces the BASIC70. The simple triple-fold edge has been replaced by the box profile of the **MULTIplus** shelf. This increases the load capacity from 70 kg to 85 kg. However the low price has not changed – that means higher performance for the same price.

The **MULTIplus** shelves, **MULTIplus85**, **MULTIplus150**, **MULTIplus250** and **MULTIplus330**, can achieve shelf loads of 85 kg to 330 kg.

The option of using bearers makes it possible to increase the load capacity of the shelves up to 410 kg. Retrofitting is possible at any time.



PLUG-IN SYSTEM

» A modular (plug-in) system

for countless combination possibilities ...

All shelving units and the complete range of accessories can be combined.
This enables the shelving to be individually customised to suit the industrial application.

Benefits:

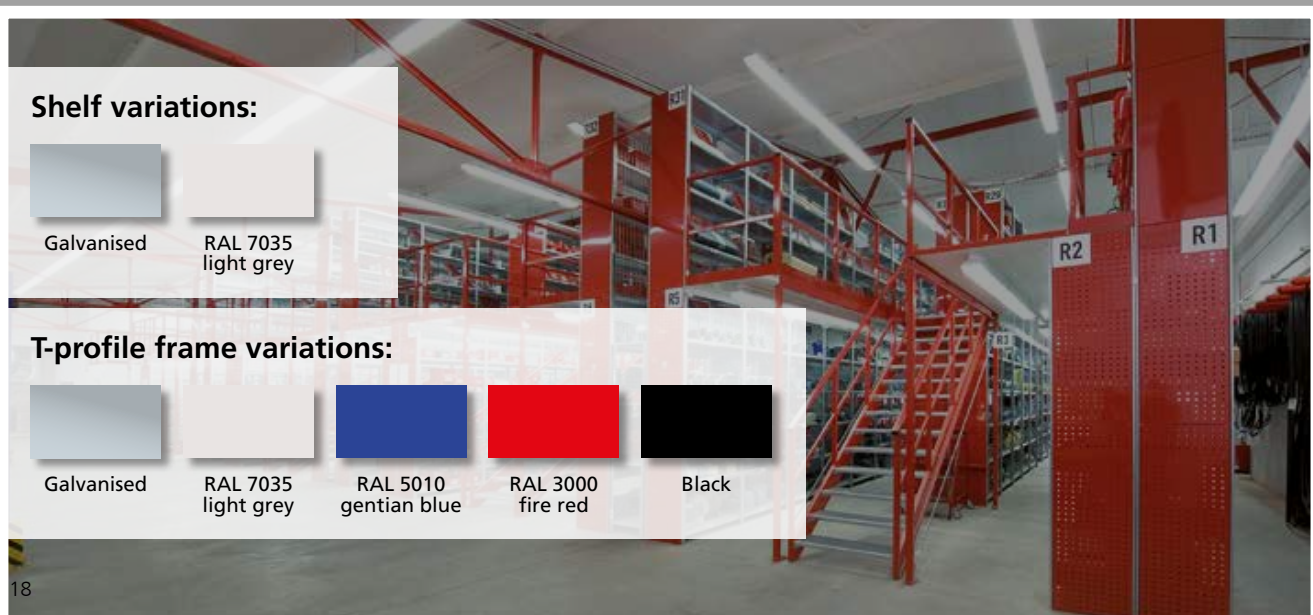
- One single system for many different requirements
- Option of adapting the shelving at a later point in time



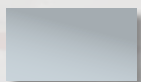
» Surfaces

– a wide range of options

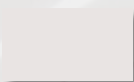
The standard version of the shelves and T-profile frames are galvanised using the sendzimir process or powder-coated in RAL 7035 light grey. The T-profile frames are also available in RAL 5010 gentian blue, RAL 3000 fire red and black.



Shelf variations:

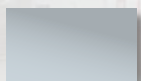


Galvanised



RAL 7035
light grey

T-profile frame variations:



Galvanised



RAL 7035
light grey



RAL 5010
gentian blue



RAL 3000
fire red



Black

» Single-sided use

Bracing with cross brace

Mounted at the back, the cross braces provide stability for the plug-in shelving.

Benefits:

- Simple alignment of the shelving through turnbuckles on the cross braces
- Economical bracing variations
- Ideal for constructing rows of shelving in front of walls



Ordering examples of complete shelving units with cross braces can be found from page 23.



» Double-sided use

Bracing using face beams

Face beams are simply inserted into the perforation grid of the **MULTIplus** T-profile frames and fixed with locking pins. This guarantees high stability.

Benefits:

- Bracing variations for two-sided fitting
- Less time and shorter routes thanks to access to the goods from both sides
- The goods can be pushed right through in both the single as well as the double shelving units



Ordering examples of complete shelving units with face beams can be found from page 29.

» Shelving systems with 25 and 40 mm edge height



Shelves are one of the most important elements of storage systems and are therefore designed to ensure optimal utilisation of the storage space and load capacity. The four different types of **MULTIplus** shelves enable shelf loads of from 85 kg to 330 kg, depending on the weight of the stock item. Simply select the right shelf and insert in every plug-in shelving system.

Our bestseller is the **MULTIplus150** shelf with its unique edge height of 25 mm for this shelf load. It handles loads of 150 kg and enables precise and optimal stocking of the warehouse thanks to the combination of the **MULTIplus** T-profile with the 25 mm grid perforations.

» 4 shelves

to suit all requirements

NEW

MULTIplus85

The sturdy one

- **85 kg shelf load:** for work clothing, electrical installation items or storage boxes, etc.
- **25 mm edge height**
- Ideal for storing light goods and as office shelving

85 KG

25 mm



Our bestseller

MULTIplus150

The all-rounder

- **150 kg shelf load:** e.g. for tools, paint, metal goods
- Unique for the shelf load, **edge height of only 25 mm**
- **Increase the shelf load to 220 kg** through optional reinforcing bearers

150 KG

25 mm



MULTIplus250

The muscle man

- **250 kg shelf load:** e.g. for canisters, rolls of foil, cable bundles
- **40 mm edge height**
- **Increase the shelf load to 330 kg** through optional reinforcing bearers

250 KG

40 mm



MULTIplus330

The Titan

- **330 kg shelf load:** e.g. for machine parts, motors, ball bearings
- **40 mm edge height**
- **Increase the shelf load to 410 kg** through optional reinforcing bearers

330 KG

40 mm



Plug-in system

Shelving systems

Single-sided use

Cross braces

Plug-in system

Bolted system

Office shelving

Wide-span shelving

Pallet racking

Cantilever racking

Shelving systems and mezzanine systems

» Shelving systems

single-sided use · bracing with cross brace



Heights:
1,800 mm
2,000 mm
2,300 mm
2,500 mm
3,000 mm
4,000 mm
4,500 mm
5,000 mm
6,000 mm
7,000 mm
7,500 mm

Depths:
300 mm
400 mm
500 mm
600 mm
800 mm
1,000 mm

Starter shelving

Extension shelving

Widths: 750 / 1,000 / 1,300 mm

Extension shelving

Planning

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

All complete shelving units include protective caps and clamping bases.

If you would like preassembled frames, these are riveted at the factory up to a height of 2,500 mm and a depth of 600 mm at an additional charge (see page 79).

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 300 mm and a height of 2,000 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.

Assembled dimensions

Starter shelving:
nominal length + 60 mm

Extension shelving:
nominal length + 6 mm

Total frame depth:
nominal depth + 36 mm

Buckling length:
All order proposals are statically designed for a maximum buckling length of 600 mm. Larger buckling lengths are possible on request.



» We make a mark

The catalogue icons and their meaning:



10-year
availability guarantee
on shelving systems



Ready to dispatch
within 48 hours



5 year guarantee
on shelving systems



Ready to dispatch
in 5 days



3 year guarantee
on heavy-duty shelving



Ready to dispatch
within 2 weeks



Seal of quality for ware-
house and
production facilities –
RAL-RG 614



Ready to dispatch
within 4 weeks



Test mark
of certified safety



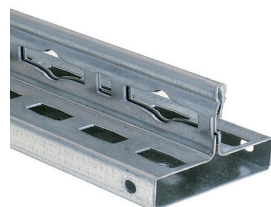
Ready to dispatch
in 5-6 weeks



Declaration of compli-
ance in accordance with
the DIBt, Berlin (German
institute for structural
engineering) building
regulations, list A part 1



Test mark
food safe



» Always the right **tone**



Galvanised



RAL 7035
light grey



RAL 5010
gentian blue



RAL 3000
fire red



RAL 7001
silver grey



RAL 2004
pure orange



Blue



Black



RAL 6011
reseda green

Other RAL colours on request.



Systems Design

Storage Equipment and Materials Handling

smarter.storing.solutions

Systems Design

Storage Equipment and Materials Handling

Tel 0844 247 1707 Fax 0844 247 1708

www.systemsdesignuk.com

Subject to technical modifications and error. All prices excluding statutory VAT, ex works, not including assembly.
Our general terms and conditions apply
This catalogue is intended for industry, commerce, trade and business.

As of 02/2018

02.2018