

Shelved Warehouses

**Weather-proof
shelving systems with
side panelling and roofing**



SHELVED WAREHOUSES BY BRASS

With its new shelved warehouse system, Brass offers a flexible solution for storing your goods outside. The basic element is our proven SL100 heavy-duty shelf. The standard version consists of 3 shelf bays with space for 54 pallets, which can be extended by further shelf bays (minimum size: 2 shelf bays). The roof and the surrounding panelling on all sides protect the interior and your goods from the weather. The shelves themselves can be designed according to your requirements, e.g. as pallet storage with 3 storage levels per bay. For this, Brass offers a full service, from planning and structural calculations, constructions and training, through to shelf servicing.

The SL100 heavy-duty shelf system allows high loads (2000 kg per shelf) and flexible shelf partitioning. Push-through guards for every shelf protect the warehouse sidewalls.



The first bay is equipped with cross braces for stabilisation of the shelf construction (longer warehouses: every third bay)



The base plates are bolted into the concrete floor. Packing plates are used for height adjustments.



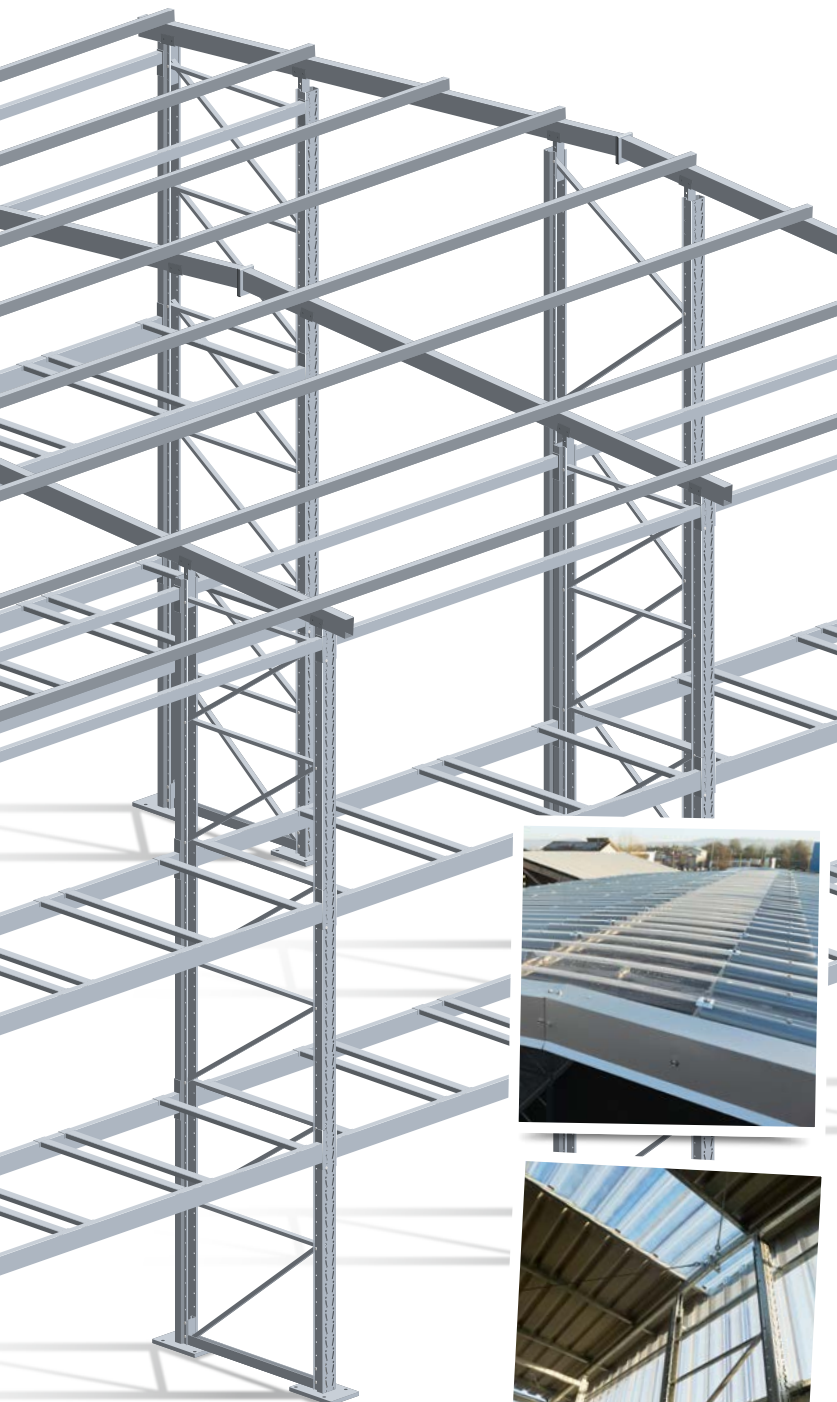
Entrance



The shelves offer plenty of storage space. The free space in the middle is designed for loading using a forklift truck.



The warehouse is open as standard, but can be closed using the optionally available double gate



left: View of the trapezoidal sheet metal roof, the light bar and the sheet edges providing a clean roof finish, both at the front and back

right: Drains to floor level (as standard)



Transparent areas all around and the light bar in the roof allow daylight into the shelved warehouse

SHELVED WAREHOUSE TYPE A

In the type A version, the shelved warehouses are 4.50 m high (shelf height: 4 m), shelf width is 2.70 m. This versatile variant is the right choice for most situations.

Technical data

Shelves

Shelf system	SL100 heavy duty shelf
Material	Steel, galvanised
Height	400 cm
Bay width	270 cm
Depth	110 cm
max. shelf load	2000 kg per shelf 660 kg per pallet space
max. bay load	4000 kg

Warehouse

Height (gable)	450 cm
Width	730 cm
Standard size	3 shelf bays 270 cm Warehouse overall length: 890 cm 54 pallet spaces
Extension	Shelf bays 270 cm Additional warehouse length: 280 cm 18 pallet spaces
Cross bracing	Every third shelf bay
Entrance width	465 cm (with gate: 460 cm)
Wall, roof	Trapezoidal sheet metal, PVC trapezoidal light panels

Scope of delivery

- Per bay: 3 storage levels (2 pairs of cross members, 12x support bars, 2x push-through guards)
- Gutters, drain pipes

Options

- Double gate
- Packing plates for height adjustment
- Extra shelf panels
- Storage levels made of grid shelf elements and lowered support bars

Statics

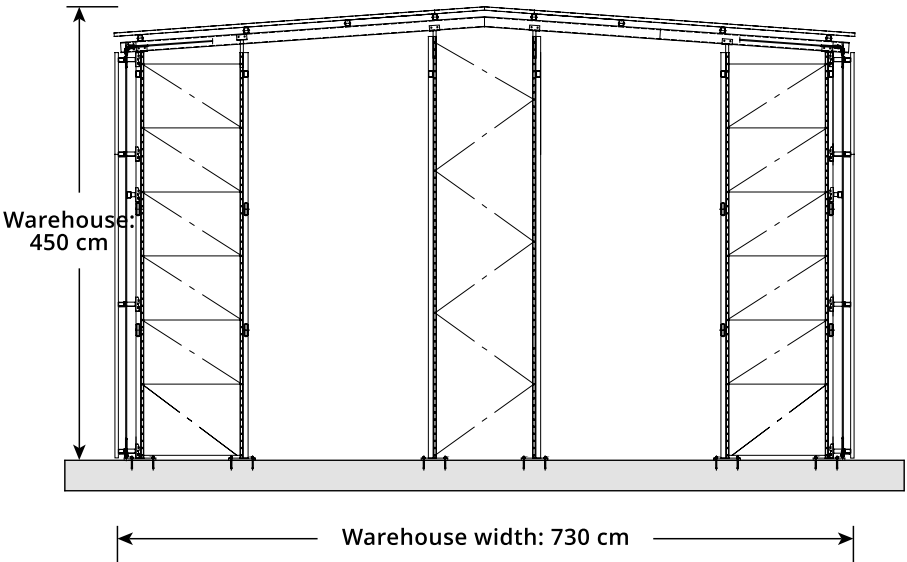
- Substrate: Individual foundations as minimum requirement, preferentially a concrete base slab
- A completed structural analysis is available

Assembly service

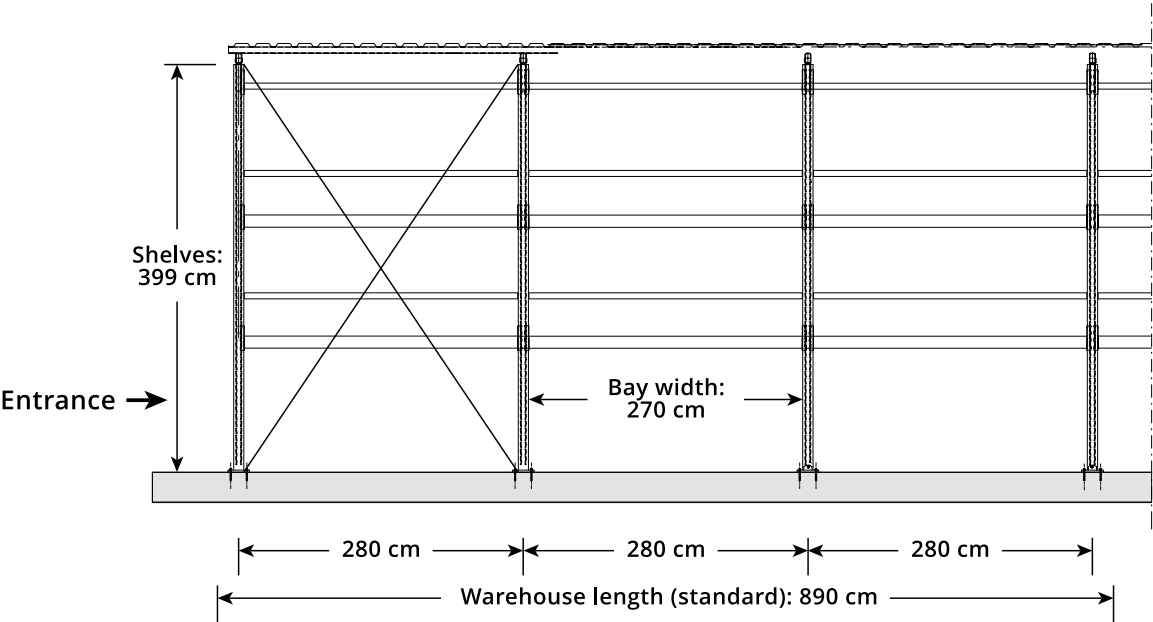
We can erect your shelved warehouse on site on request.

Views type A

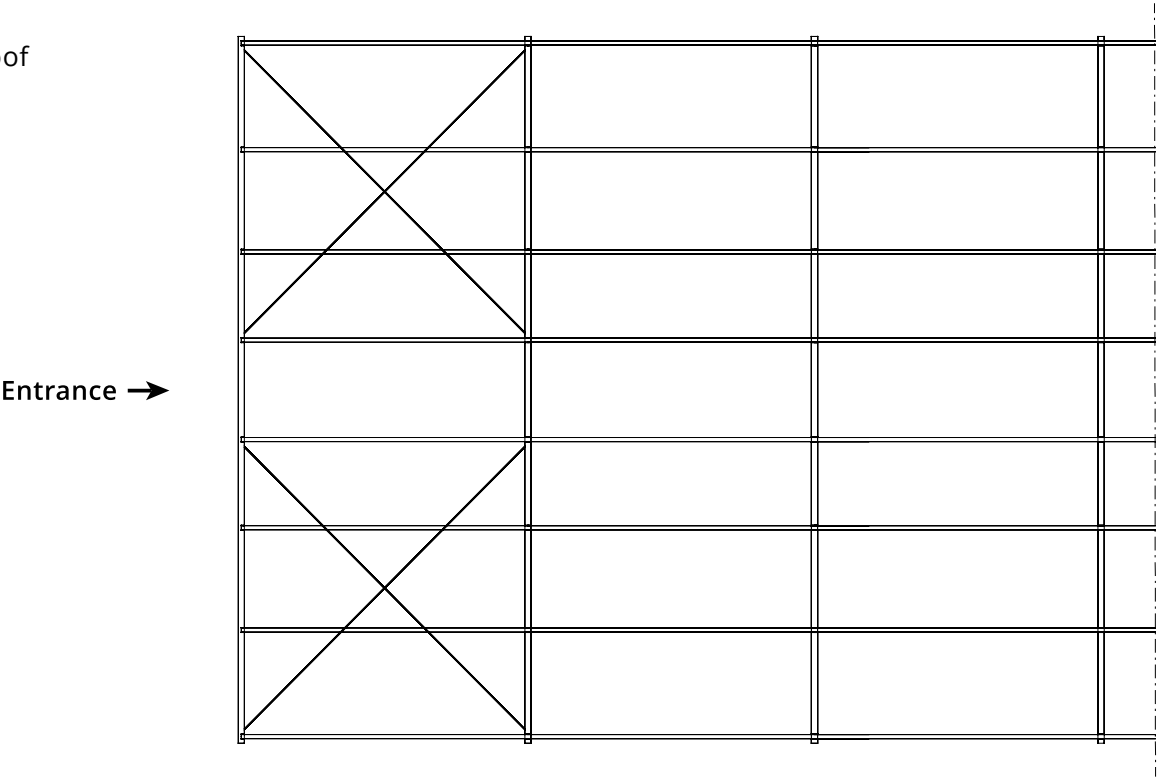
Cross section



Long side



View onto the roof



SHELVED WAREHOUSE TYPE B

In the type B version, the shelved warehouses are 5.50 m high (shelf height: 5.25 m), the shelf width is 1.80 m. This variant is optimised for higher space utilisation and higher loads: up to 1 ton per pallet position.

Technical data

Shelves

Shelf system	SL100 heavy duty shelf
Material	Steel, galvanised
Height	525 cm
Bay width	180 cm
Depth	110 cm
max. shelf load	2000 kg per shelf 1000 kg per pallet space
max. bay load	6000 kg

Warehouse

Height (gable)	550 cm
Width	730 cm
Standard size	3 shelf bays 180 cm Warehouse overall length: 620 cm 48 pallet spaces
Extension	Shelf bays 180 cm Additional warehouse length: 190 cm 16 pallet spaces
Cross bracing	Every fifth shelf bay
Entrance width	465 cm (with gate: 460 cm)
Wall, roof	Trapezoidal sheet metal, PVC trapezoidal light panels

Scope of delivery

- Per bay: 4 storage levels (3 pairs of cross members, 12x support bars, 3x push-through guards)
- Gutters, drain pipes

Options

- Double gate
- Packing plates for height adjustment
- Extra shelf panels
- Storage levels made of grid shelf elements and lowered support bars

Statics

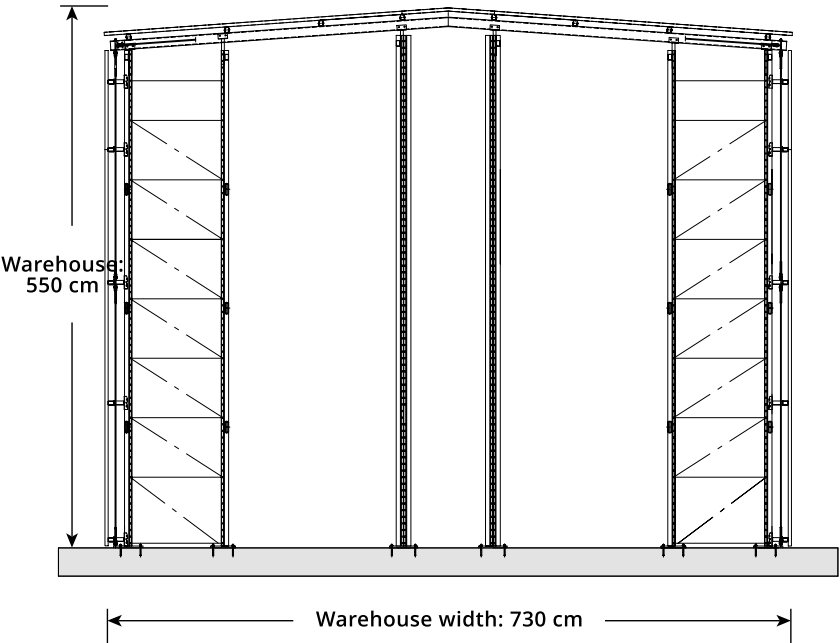
- Substrate: Individual foundations as minimum requirement, preferentially a concrete base slab
- A completed structural analysis is available

Assembly service

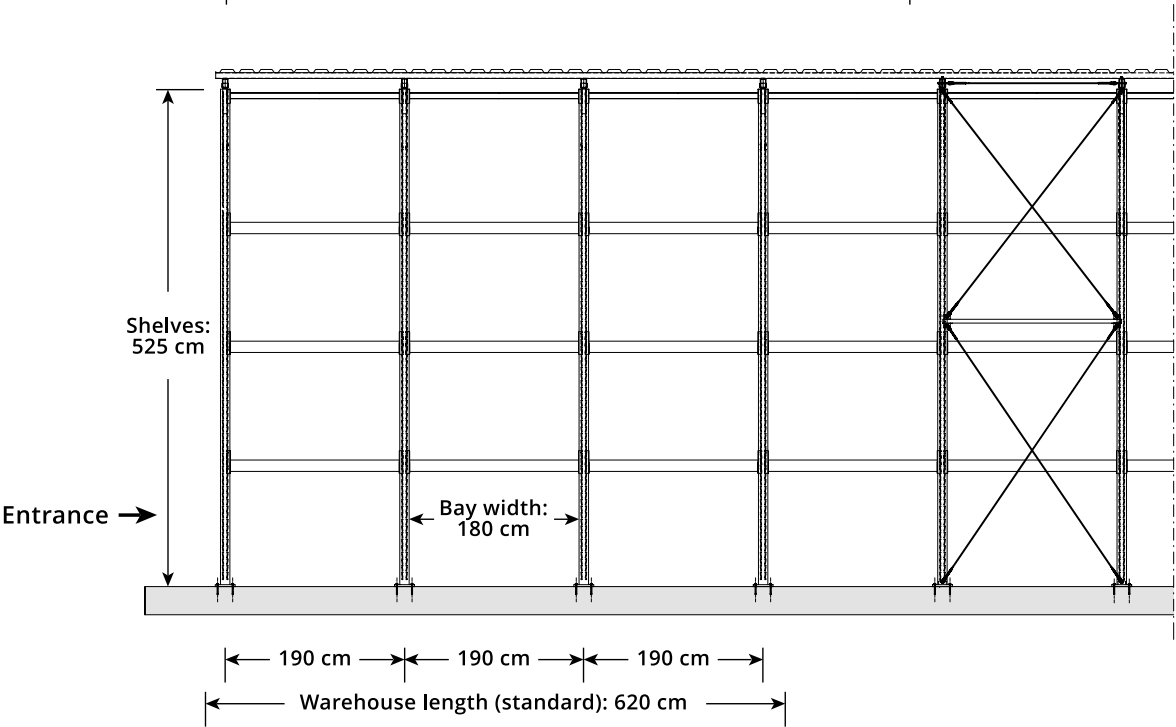
We can erect your shelved warehouse on site on request.

Views type B

Cross section



Long side



View onto the roof

