



The PowerShelter 405 is a dock shelter, which is used for sealing the area around the door opening and the vehicle, which is docked, making use of robust durable curtains.

The multi flexible characteristics of this shelter are exceptional and are due to the foam construction of the side panels as well as a lifting roof device. This is why damage practically never occurs. Also the esthetical appearance of the building remains guaranteed.

Materials

The side panels of the PowerShelter 405 have a special foam core with a double-walled casing, whereby the side parts can divert backwards and sideways over the full height.

When a vehicle approaches off line, the side panels compress, moving both backwards as well as sideways. No sensitive mechanical components are contained within the side parts.

For high vehicles (up to 4500 mm) the PowerShelter 405 is provided with a roof-part which includes a lifting roof device. This allows the roof to move upwards and / or forwards or backwards.

The flaps (3500 gr/m²) are made of a two-layer polyester fabric with a dull PVC coating. Due to the choice of materials, the curtains are extremely resistant to UV radiation. Furthermore the material has a high tear resistance, tensile strength and excellent temperature durability.

| | 3500 gr/m ² |
|-------------------------------------|--|
| Material | 2-layer polyester textile with 2/2 panamabinding |
| Tear resistance K/1 (DIN 53363) | ca. 800/750 N |
| Tensile strength N/5 cm (DIN 53354) | 7800/5600 |
| Temperature durability (DIN 53361) | -30° till +90° |

On the side flaps, strips have been mounted which provide additional contra pressure. Therefore the side curtains seal securely against the vehicle. The top flap is doubly laminated in the corners, resulting in even better sealing.

The side curtains are provided with approach stripes, which serve as vehicle guides for the drivers. They encourage correct manoeuvring of the vehicle into the shelter.

The roof is designed for optimal lateral drainage. All Loading Systems products and systems comply with the highest quality standards.

Dimensions

The PowerShelter 405 with its standard dimensions is suitable for centrally docked vehicles, with a width range of 2200 to 2650 mm and a height range of 3600 to 4200 mm.

The PowerShelter 405 can be modified to meet each client specific situation.

Application

- The PowerShelter 405 is usually used in situations where optimal sealing is required and where there are large differences in the dimensions of vehicles using the shelter.
- The PowerShelter 405 is especially suitable in loading- or unloading situations where the use of wheel guides is undesired and inaccurate docking occurs regularly.
- Furthermore the PowerShelter 405 can serve as a passing-through shelter.

Technical specifications

| | |
|---------------------------|--------------------------------|
| Width..... | 3300 mm |
| Height..... | 3500 mm |
| Projection | 560 mm |
| Width side curtains | 600 mm |
| Height top curtain..... | 1000 mm |
| Mounting height | (recommended) 4500 mm |
| Curtain construction..... | sealed, 3500 gr/m ² |
| Standard colour | black/white |

Options:

- Special dimensions.
- Other measurements for side curtains and top curtain.
- Projection 900 mm.
- Bottom corner cushions.
- Double laminated top curtain 3500 gr/m².
- Side part covers (excl. curtains) in different colours.

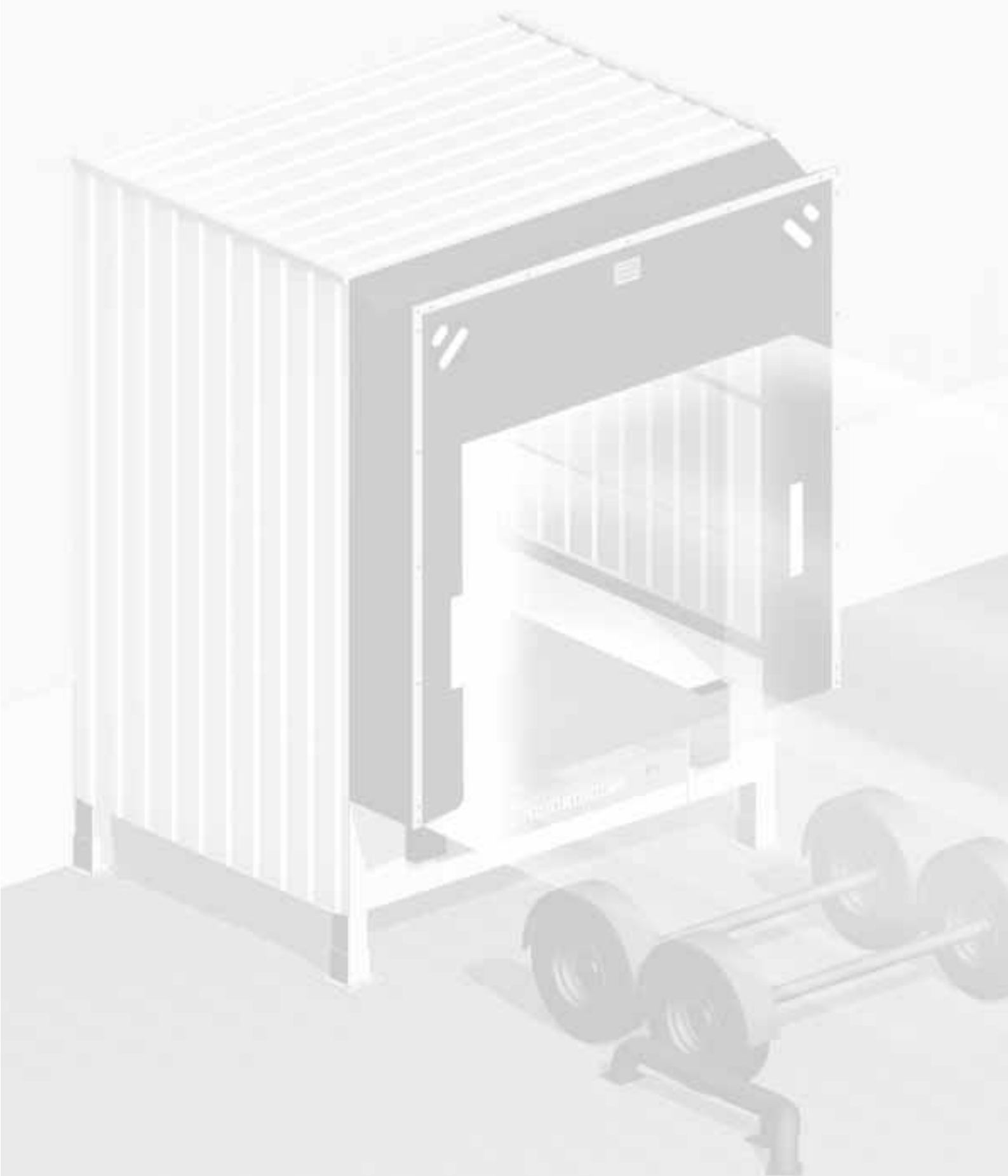
Building-in possibilities

The correct layout of a loading and unloading dock depends on a variety of factors, therefore the PowerShelter 405 can be modified to meet each client specific situation.

Loading Systems

The Ins & Outs of Logistics





Powerplate



Powerramp



Powershelter



Powerlock



Powerdoor



Powerlift



Accessories

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