

DOCK SHELTER SI1A

The food industry puts high demands on loading bay sealing in order to keep the cold chain as intact as possible. The dock shelter must provide continuous weather protection throughout the entire loading and unloading operation. The shelter is inflated around the docked vehicle, providing complete sealing. The NORMSTAHL inflatable shelters are suitable for a wide range of vehicle sizes and their sealing capacity exceeds by far the standard normally required by operators.

The top seal of the NORMSTAHL SI1A inflatable shelter is a roller design – automatically activated for low or high vehicles. In addition, it follows all vertical movements of the docked vehicle, continuously providing high tightness.

In rest position, the NORMSTAHL SI1A inflatable shelter is completely retracted behind the side structures, giving the vehicle driver the possibility to use the complete width of the loading bay when reversing into it. In addition, yellow front line indicators further facilitate the dock-in navigation. Stable collision protectors at the ramp height prevent shelter damages.



NORMSTAHL dock shelter SI1A

MAIN FEATURES

- For sizes up to 4,555 x 4,100 mm
- Optimal sealing and weather protection
- Wide range of vehicle sizes and applications

TECHNICAL DATA

Normal height	4,055, 4,355, 4,555 mm
Nominal free height	3,600, 3,900, 4,100 mm
Nominal width	3,600 mm
Normal depth	770 mm
Top bag extension	2,200 mm
Side bag extension	650 mm
Walls and roof	Insulated panel, 42 mm
Standard RAL colors	3000, 5010, 6005, 7016, 7021, 7024, 9002, 9006, 9007, 9010
Fabric quality	PVC coated polyester
Top curtain	650 g/m ² , thickness 0,6 mm
Side bag rear	600 g/m ² , thickness 0,5 mm
Side bag front	2500 g/m ² , thickness 2 mm
Option wear shield	3400 g/m ² , thickness 3 mm
Fan	230 V, 1-phase, 50 Hz, 250 W Noise level: 65 dBA in working position
Operating	Switch control included, other controls available as option
Temperature range	-30°C to +60°C

INFLATABLE DOCK SHELTER

Insulated top and side panels

The inflatable dock shelter is installed into a frame construction covered by insulated panels, giving additional insulation effects. The design facilitates easy and fast component exchange, should this be needed.

High quality material composition

The side and top inflatable airbags are made of impact resistant material with a strong, woven core. It is non-flammable, color stable and highly resistant to weather impacts – in other words a material well suited for optimal function in rough docking environments.

DIMENSIONS

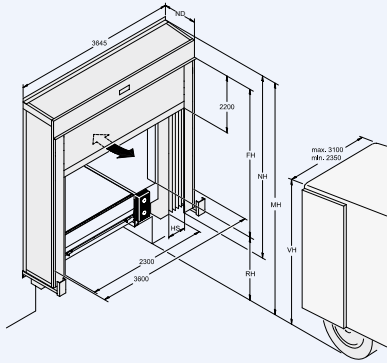
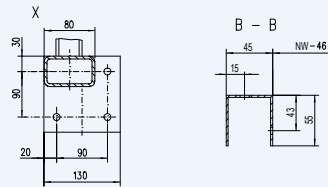
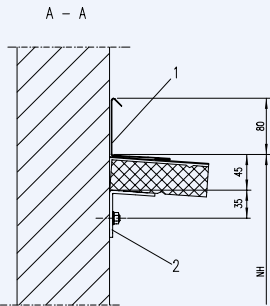
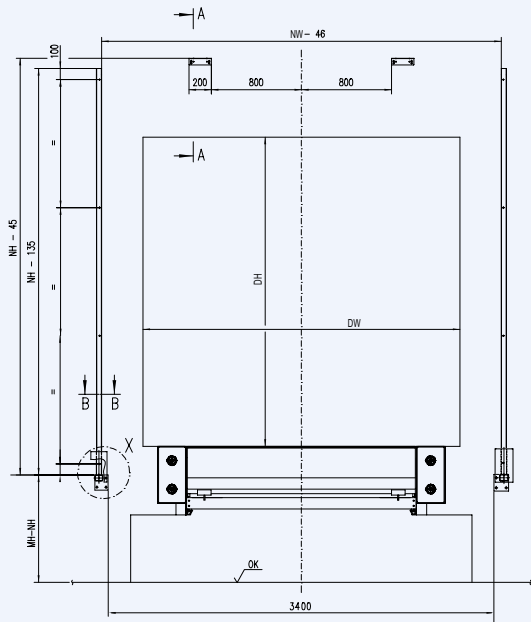


Abb.	Dimension	Value (mm)
NW	Nominal width	3600
NH	Nominal height	4055, 4355, 4555
FH	Free height above level*	3600, 3900, 4100**
OP	Top curtain travel	2200
ND	Nominal depth	770
RH	Dock height	
MH	Installation height	VH+800
VH	Vehicle height	

* depending on MH (installation height)
** maximum sizes

FIXING POINTS



- 1 Wall mounting profile*
 - 2 Support bracket*
- * belongs to the wall fixing

WALL FIXINGS

