

# 400NG



The 400NG is a dock shelter that uses robust cushions made of durable materials to close the space between the warehouse opening and the docked truck.

### Features

- Optimal sealing and therefore the best protection for goods
- Maximum energy savings thanks to complete closure and thus extremely cost effective
- Robust cushions made from high quality materials
- Ideally suited for cold storage warehouses
- Beveled cushions to reduce the clear opening.
- Can be adapted to any customer specific situation

### Materials

The dock shelter 400NG consists of 3 cushions consisting of a galvanized steel frame, high-quality resilient polyfoam and a cover made of polyester trevira fabric, with a matt PVC coating on both sides. The 400NG is standard equipped with robust powdercoated mounting brackets. Mounting material can be ordered optionally.

The front side of the side cushions is provided with full-height approach stripes which serve as orientation points for the driver to encourage correct maneuvering of the vehicle against the seal.

Optionally, overlapping scales can be applied to the cover of the side cushions over the full height. These scales follow the up and down movements of the truck during loading and unloading, increasing the tear resistance of the cushions.

Due to the choice of materials, the cushions are highly resistant to UV radiation. Furthermore, the material has a high tear resistance and tensile strength and an excellent temperature resistance.

### Application

The dock shelter 400NG offers the most optimal sealing of a dock. This has many advantages, like protecting goods against theft and weather influences and also blocking the view of valuable goods from the outside. Another result of the optimal sealing is maximum energy savings and thus cost savings. Due to the above characteristics, the dock shelter 400NG is mainly used as in cold storage warehouses and in warehouses where general cargo is stored.

In contrast to other types from the dock shelter program, the 400NG is less universally applicable, because the free door opening for loading and unloading is relatively small. As a result, the differences in dimensions of trucks cannot be too big. The free space of the door opening is determined by the inner dimensions of the dock shelter 400NG. The dock shelter 400NG is preferably used in combination with wheel guides, which ensure that the vehicle is always docked centrally so that there is no unnecessary loss of loading space in width.

### Dimensions

The dock shelter 400NG is available in the standard dimensions below (figure 1). Special sizes are available on request.

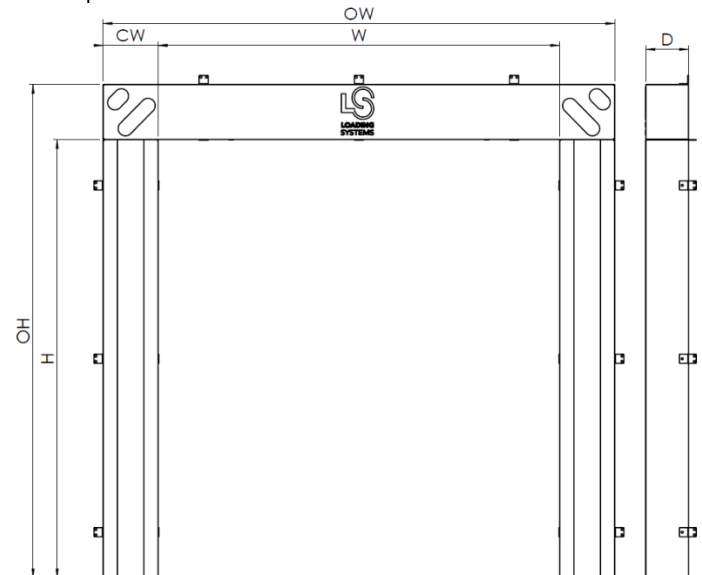


Figure 1. Dimensions

Dimensions (mm)	831	832	833	841	842	843
<b>OW: Overall width</b>	2800	2800	2800	3000	3000	3000
<b>OH: Overall height</b>	2500	2700	2900	2600	2800	3000
<b>W: Clear opening width</b>	2200	2200	2200	2200	2200	2200
<b>H: Clear opening height</b>	2200	2400	2600	2200	2400	2600
<b>CW: Cushion width</b>	300	300	300	400	400	400
<b>D: Depth</b>	230	230	230	230	230	230

### Installation options

The correct layout of a loading / unloading platform depends on a large number of different factors. That is why the dock shelter 400NG can be adapted to every customer-specific situation.

### Options

- Different dimensions
- Top cushion width 400 mm
- Mounting material (concrete / other)
- Scales on side pads to increase tear resistance when moving the truck up and down
- Beveled side cushions to reduce the clear opening (figure 2)
- Extra top flap for lower trucks
- Reinforced contact surface for even more wear resistance
- Without LS logo
- Different color approach stripes

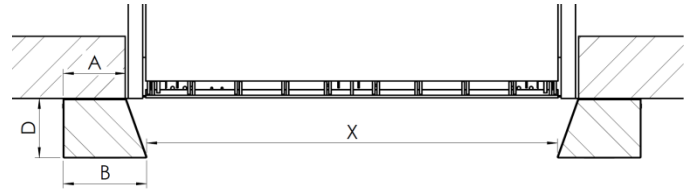


Figure 2. Beveled side cushions, A = 300, B = 400, D = 230, X = 2000