

DOCK SHELTERS

PROMStahl dock shelters are designed to protect your staff and goods from external environmental factors like wind, rain and sun, as well as to provide a seal between the unloading vehicle and the warehouse to ensure optimal energy use. We offer high-quality mechanical, cushion-type and inflatable shelters. With a focus on design and durability, our shelters are easy to install and can be customised to meet all your requirements.



Dock Shelters



PMV - Mechanical Dock Shelter

The PMV Mechanical Dock Shelter is an economical solution to seal the gaps which inevitably occur between the docking vehicle and the warehouse opening. The front and the rear frames of the PMV are made up of high-stability extruded aluminum sections which are connected to each other by bracing arms. The curtain is 3 mm thick, made of a highly durable, double-layer of PVC-coated material and is mounted on a flexible frame. Thanks to the adaptable roof and the parallel guide systems the front structure moves backwards in the event of inaccurate docking, helping prevent damage to the dock shelter. The side curtains of the dock shelter come with warning stripes to help with the docking process. An integrated rain channel allows lateral drainage of rainwater (optional).



PMK - Mechanical Cushion Seal Dock Shelter

The PMK Mechanical Cushion Seal is designed for loading and unloading truck fleets with almost identical dimensions in width and height. It guarantees perfect protection from draughts, rain and wind, preventing energy loss. The PMK is equipped with a horizontal cushion and two vertical cushions consisting of foam material completely covered by a PVC-coated high-resistance Trevira fabric. The dimensions of the dock seals are determined depending on the type of loading bay and vehicle to be loaded or unloaded. The PMK dock shelter is pre-assembled and comes in just three parts making installation to the façade quick and easy.



PMS - Mechanical Dock Shelter with Side Cushions

The PMSK consists of a height-adaptable top section and two side cushions. If a vehicle does not dock in perfectly, these foam sidecushions are compressed and then move to the sides, minimizing damage to the dock shelter even if the truck does not reverse squarely. Thanks to the special design of the height-adaptable top section, damage is avoided even for very high trucks like jumbo trucks or demountable containers. If the vehicle height rises during unloading, the roof automatically follows this upward movement and returns to its original position after the vehicle has left the docking station.

Dock Shelters



PWI - Inflatable Dock Shelter

The PWI Inflatable Dock Shelter combines optimum sealing efficiency with the flexibility of use. It has been designed to allow clients to maximise potential energy savings and who want to protect their goods against adverse weather conditions. The difference in size between the docking vehicle and the warehouse opening inevitably creates a gap and needs to be sealed. Inflatable cushions form a tight seal on the sides and top of the vehicle. This type of shelter is ideal for cold storage facilities and air-conditioned storage rooms. Using this type of shelter can result in significant energy savings, improvement of working and sanitary conditions, helping to increase staff productivity. In addition, unauthorized persons are not able to enter the warehouse unnoticed. Inflatable side and top cushions not only provide effective sealing around the vehicle, but also automatically adjust to the dimensions of the truck allowing an effective seal to be produced on different-sized vehicles.



PMN - Alcove-Mounted Dock Shelter

The PMN Alcove-Mounted Dock Shelter has been designed to be fixed directly to the building alcove as not to disturb the continuity of the building façade and to considerably improve its overall uniform appearance. This type of dock shelter consists of aluminium profiles which are mounted to both sides and to the top edge of the alcove. The shelter can be set in concrete, steel or installed using a special fixing system. The highly durable 3 mm thick curtains are made of 2-layer, PVC-coated material. Warning stripes at the front section of the dock shelter facilitate the vehicle dock-in procedure. The PMN dock shelter is pre-assembled and comes in just three parts, making installation quick, easy and economical.