

Delta Seal 3000 Inflatable Dock Shelter

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Architectural Specification

The Delta Seal 3000 heavy duty dock shelter is an inflatable seal mounted at dock or ground level.

Designed to accommodate vehicles of various height and widths and where the seal is inflated after the vehicle is safely docked and stationary.

Constructed in materials to meet the latest hygiene regulations and allows wider door widths to assist loading and unloading operations.

The overall size of the shelter as standard is 3700mm wide x 3800mm high x 900mm projection. Standard head air bags (adjustable) drop is 1500mm and side air bag width is 800mm. Obviously sizes change subject to application

Frame

The roof and side frames are constructed from 50mm thick insulation panels clad in steel with white plastisol finish. (Panels can be colour coated at extra to suit building aesthetics). The panels have galvanised steel channels on the edges for strength and fixing.

The front edges will be finished in an anodised aluminium angle 25mm x 50mm to secure the storage curtains which protect the deflated air bags.

The roof panel will be sloped from rear to front to assist rainwater drainage.

Materials

The head and side storage curtains are made from heavy duty 3mm thick black PVC and the air bags from a robust 600 denier woven nylon with black finish. All materials are colourfast and treated.

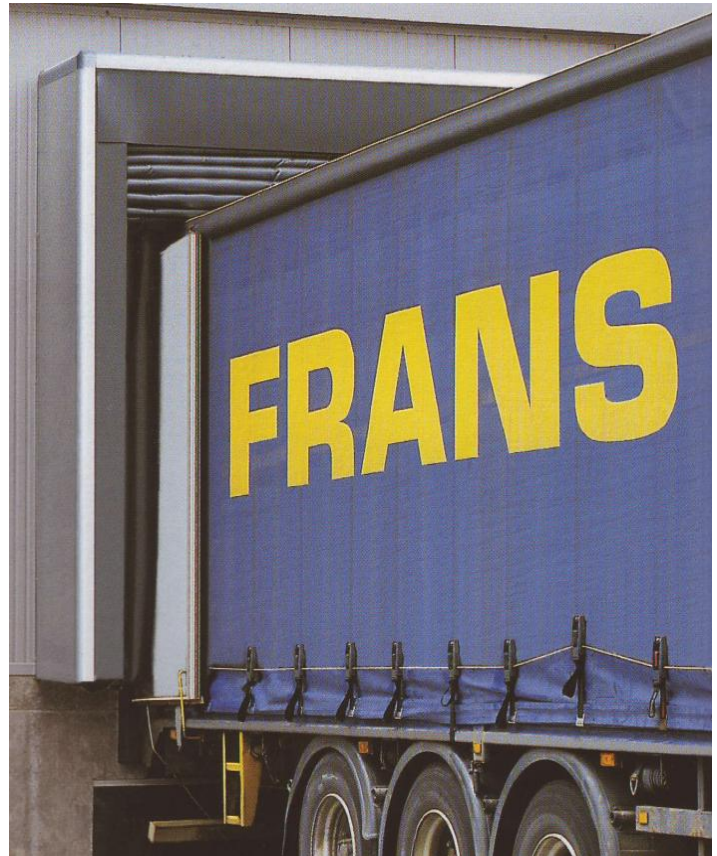
Operation

The side air bags have an internal retraction system in order that they can store flat behind the side storage curtains. The head air bag which is full width in front of the vertical side air bags is mounted from the roof panel.

This head air bag is retracted by means of a weight operated roller.

All three air bags are powered by a motor/fan unit housed within the underside of the roof insulated panel. The power supply requirement is 415v 3 phase 10amp.

An ON/OFF switch is supplied and mounted internally within 1m of the door to control inflation/deflation of the air bags.



Safety

The side curtains will have a welded PVC arrow in traffic yellow to assist reversing vehicle.

Both side insulation panels will be supported by 90mm x 90mm x 450mm long R.S.A. support bracket finished in yellow or black paint.

Optional Extras

Full interlocking system with composite controls

Colour choice of panels

Bay numbers welded into head storage curtain

Wheel Guides 168mm dia steel tube, yellow or galvanised finish, cast in or bolt down (recommended)

Bollards 168mm dia x 1200mm high, yellow or galvanised finish, cast in or bolt down

Dock Lights

Traffic Lights

We reserve the right to change the specification without prior notification or alteration of this product data sheet.