

**DOCK SOLUTIONS LTD**

**UK MANUFACTURED LOADING BAY EQUIPMENT  
AND INDUSTRIAL DOORS**



# Dock Shelters & Accessories

  /docksolutions

 /company/docksolutions

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Safer. Healthier. Stronger.

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The widest range of competitively priced Dock Seals & Shelters are available to you. Being the UK manufacturer we are able to offer a product designed and delivered to your exact requirements.

## **DOCK SEALS**

The adjustable head dock seal is the secure and effective answer to sealing the rear of vehicles with a wide height variation to a loading dock, protecting conditions inside the building from the conditions outside.

## **DOCK SHELTERS**

Simple, universal and effective, the retractable dock shelter offers a general purpose seal to cater for most applications. It is designed to recoil on impact, thereby extending the shelter life.

## **INFLATABLE SHELTERS**

The inflatable dock shelter provide you with the most versatile sealing system available, being able to facilitate various sized vehicles whilst offering the ultimate sealing of the vital gap of the vehicle and building.

## **LOAD HOUSES**

Installing a Dock Solutions load house insures that your exact requirements can be achieved By having bespoke manufactured loading bays to suite your operational needs.

Dock Solutions responds to industry's call to close the gap with a variety of adaptable, custom-made designs that suit all vehicle configurations in the building interface.

### **Energy Conservation**

The conservation of energy is paramount to manufacturing industries and millions of pounds are lost each year to doors being left open.

### **Hygiene**

Dock Solutions dock shelters meet a regulatory requirement in most industries by using the most up-to-date production products, such as colourfast/washable materials, insulated panels (cold-store white finish), plastisol finishes, stainless and galvanised steels.

### **Weather Protection**

Many loading bays, whether at ground or dock level, are vulnerable to wind, rain, dust, and the sun, which can damage operators and products.

### **Security**

Dock shelters that are properly chosen provide protection against goods pilferage from the outside and ensure that only managed doors are used to enter the building. Noise levels are also decreased, which is beneficial in residential areas.

### **Safety**

Draught-free and weatherproof seals help to prevent slick surfaces from causing injuries to operators, products, or in-house materials handling equipment.

# DS1000/1 Dock Seal

## Standard DS1000/1 Dock Seal

**Dimensions:** 3500(W)x3500(H)x300(P)

**Foam Pads:** 300(W)x 300(P)xDoorway height/width

**Structure:** 900gm/m<sup>2</sup> PCV-COATED Polyester covered foam pads bonded to a 50mm pressure treated timber backboard

**DS1001:** Wear plates made from 1500gm/m<sup>2</sup> neoprene coated nylon, attached in a 100% overlap configuration sewn to the front of the vertical side pads

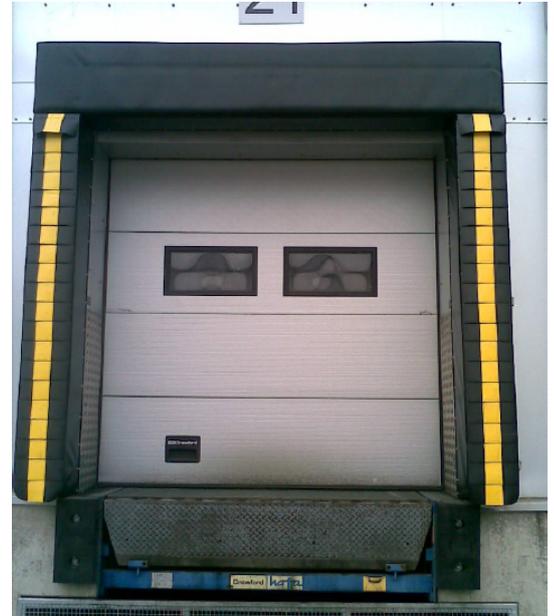
**Internal memory structure to enables the curtain to return to original position after it being distorted.**

**Timber Base:** The pads are installed on a 150 x 50 PSE Redwood base that has been coated with black preservative paint. The bases will not need to be maintained after they are installed.

**Foam:** RX 24 Grade expanded foam with residual memory is used to fill the pads.

**Head Pad Covers:** The covers are composed of the same PE 900g / 200 Gloss Black material as the pads, with double thickness on the pad's front where contact occurs.

**Side Pad Cover:** PE 900g / 2000 Gloss black PVC with worn pleats and yellow traffic marks is used to make the covers. Galvanized coach screws are used to secure the covers.



### SEALBRACKET1

**Dock Seal Mounting Angle**

**Unit:** Piece (1)

**Length:** 100



### SEALBRACKET2

**Dock Seal Mounting Angle**

**Unit:** Piece (1)

**Length:** 100x100x1.5



### SEALBRACKET2

**Dock Seal Mounting Bracket**

**Unit:** Piece (1)

**Length:** 300/400/500/600



### DB450-150RB

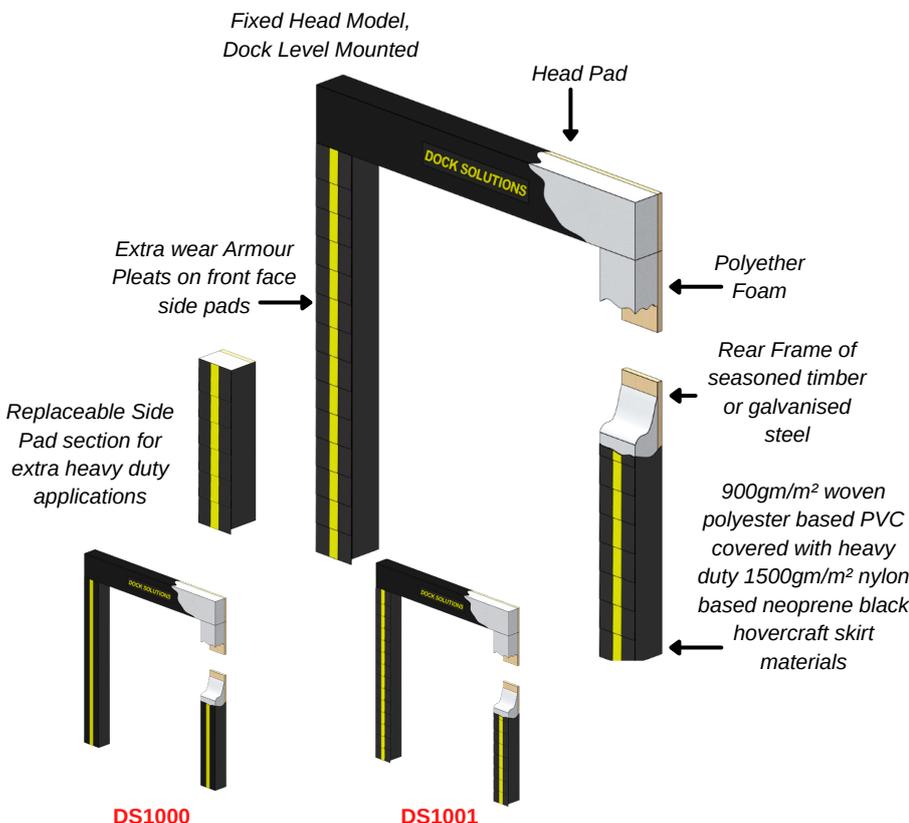
**450 Rubber Dock Bumper**

**Material:** Natural SBR Rubber

**Unit:** Piece (1)

**Dimensions:**

**450(H)x250(W)x150(D)**



**DS1000**

The DS1000 seals vehicles where other products cannot, particularly effective for the food and cold store industries.

**DS1001**

The DS1001 seals vehicles where other products cannot. The foam dock pads are also specified with full height extra-wear armour pleats on the front face of the side panels.

## Built for the Job

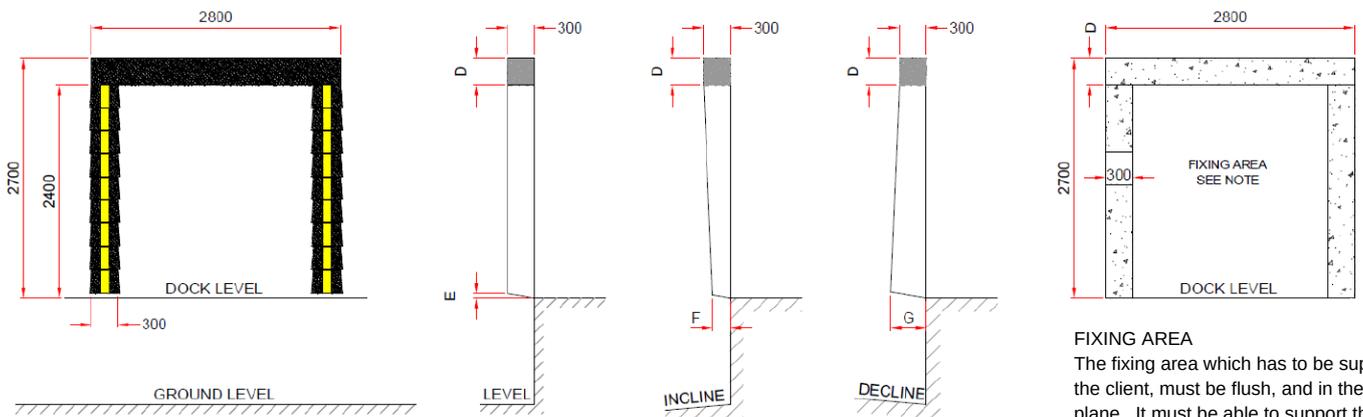
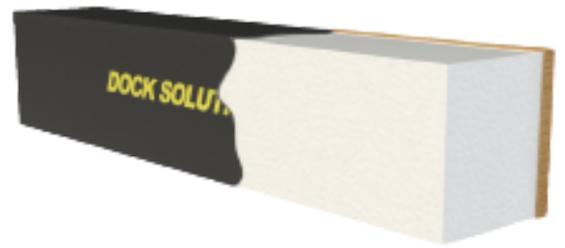
### The Covers

A super tough 900gm/m<sup>2</sup> PVC-coated polyester fabric is the base fabric for the DS1000 seal range this then has a even tougher and thicker 1500gm/m<sup>2</sup> neoprene coated nylon which forms

The covers are completed with full vertical guide stripe to help the docking vehicle locate centrally on the loading bay  
Along with exhaust points for air and moisture, this will extend the working life of the seal.

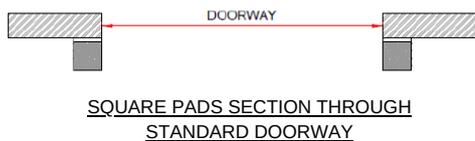
### The Core

Dock Solutions utilizes a uniformly dense polyether foam in the core of the seal, the foam is designed a with good recovery rate for high usage, The foam pads are bonded to a 50mm pres-sure treated timber backboard.



**FIXING AREA**  
The fixing area which has to be supplied by the client, must be flush, and in the same plane. It must be able to support the dock shelter and pressure of approx 600kg/m<sup>2</sup>.  
NOTE: For pads fitted to a steel frame construction and fixed through the back of the seal add 20mm clearance. Pads using cleats for installation add 75mm to the fixing face on outer edges. Off-set galvanised cleats supplied to set side pads 25mm away from door jamb

E, F & G dimensions dependant on slope.  
D = 300/450/600 high head pads



SQUARE PADS SECTION THROUGH STANDARD DOORWAY



BEVELLED PADS SECTION THROUGH WIDE DOORWAY

## Recommended Products



**WG168PBD**  
**Straight Wheel Guide**  
**Material & Finish:** Made from 168mm steel tube & available in Painted, Galvanised and Powder Coated finish  
**Unit:** Pair (2)  
**Dimensions:** 2400/2070(L)x250(W)x365(H)



**TL1**  
**Traffic Light**  
**Unit:** Piece (1)  
**Housing:** Aluminium & Stainless Steel  
**LED Quantity:** 45 Red & 45 Green



**LOADINGLIGHT**  
**Flexible Arm Loading Bay Light**  
**Unit:** Piece (1)  
**Material:** Aluminium, Iron, PC  
**Wattage:** 15W, 25W, 40W, 50W

# DS2000 Rigid Dock Shelter

## Standard DS2000 Rigid Dock Shelter

**Dimensions:** 3500(W)x3500(H)x600(P)

**Curtains:** 700 Side Curtains with a 1200 Drop Head Curtain  
Manufactured from 3.5mm thick polyester

**Side & Roof Curtain:** 600gm/m<sup>2</sup> flexible PVC polyester

**Structure:** 60x30 galvanised steel box section

Back and front side frames joined with intermediate beams

**Internal memory structure to enables the curtain to return to original position after it being distorted.**

**Framework:** The Rigid Frame is made of 50 x 50 steel box sections that have been powder coated to prevent rust. The frame is then covered on both sides with a heavy-duty PVC coating. To facilitate drainage, the roof will be peaked to the side frames. To secure the curtains, the face is finished with anodised angle. The frame is supported by durable wall-mounted shelter brackets that are powder-coated in a safety yellow colour.

**Curtains:** Poly- Vinyl Chloride (PVC) 3mm heavy duty material is employed in the design not only for its weather resistance but also for its abrasion resistance. A double layer of polyester woven matting strengthens the cloth, allowing it to withstand piercing and tearing while also providing outstanding support and resistance.

**Curtain Design:** The yellow guiding stripe on the side curtains measures 1000mm x 100mm. The corners of the head curtain are rounded. In non-loading periods, all curtains include additional shock cord straps to reduce wind deflection.



**DS200SC**  
**DS2000 Side Curtain**  
Unit: Piece (1)



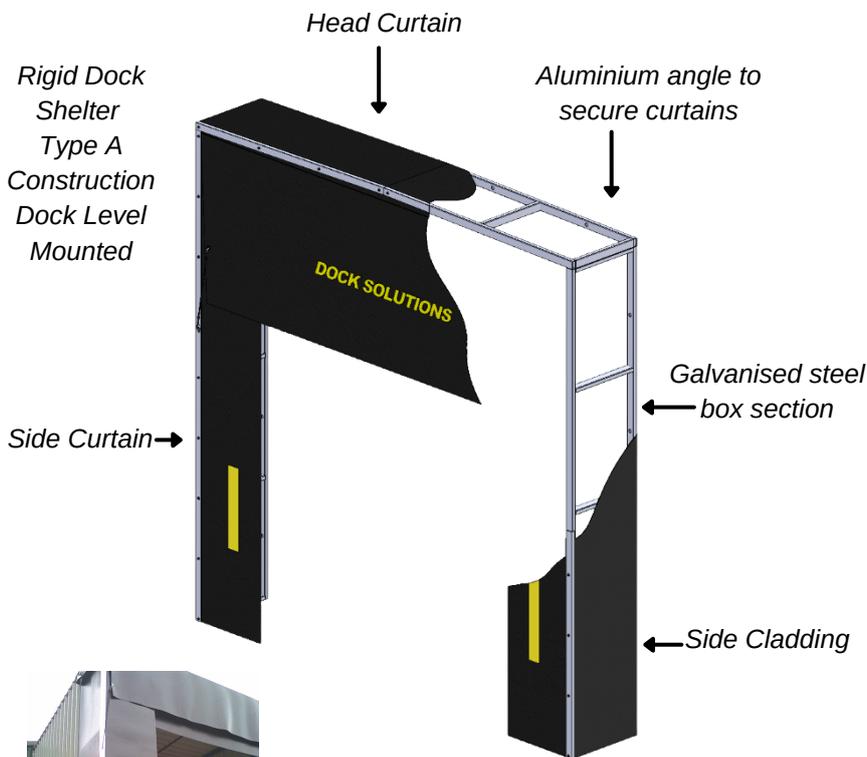
**DS2000HC**  
**DS2000 Head Curtain**  
Unit: Piece (1)



**DS2000RC**  
**DS2000 Roof Cover**  
Unit: Piece (1)



**DS2000SC**  
**DS2000 Side Cover**  
Unit: Piece (1)



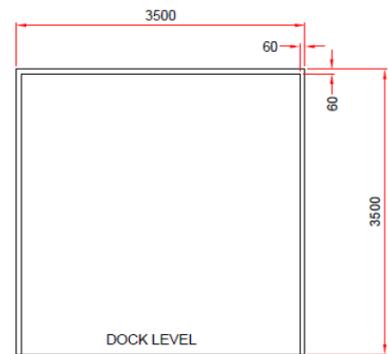
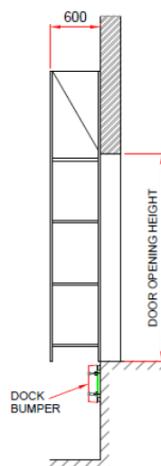
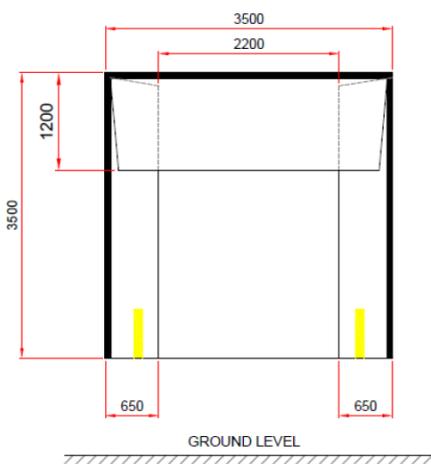
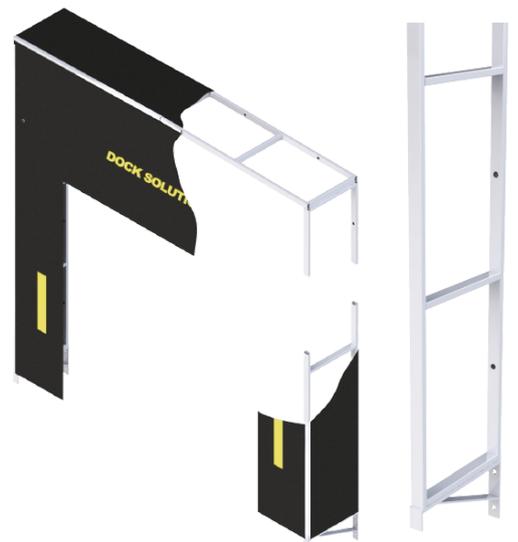
### Built for the Job

The vertical side and horizontal head frames are constructed from zinc plated steel box section, covered with a polyester based PVC fabric.

The vertical side and horizontal head curtains are constructed from a 1500gm/m<sup>2</sup> nylon-based neo-prene-coated 3.5mm thick PVC material with high wear and tear resistance.

### The Vital Gap Sealed

Dock Shelters offer a varying dimension sealing solution for most environments. Creating a seal between building and vehicle which is essential in today's environment



#### FIXING AREA

The fixing area which has to be supplied by the client must be flush and in the same plane. It must be able to support the dock shelter and pressure of approx 350kg



### Recommended Products



#### WG168PBD

##### Straight Wheel Guide

**Material & Finish:** Made from 168mm steel tube & available in Painted, Galvanised and Powder Coated finish

**Unit:** Pair (2)

**Dimensions:** 2400/2070(L)x250(W)x365(H)



#### TL1

##### Traffic Light

**Unit:** Piece (1)

**Housing:** Aluminium & Stainless Steel

**LED Quantity:** 45 Red & 45 Green



#### LOADINGLIGHT

##### Flexible Arm Loading Bay Light

**Unit:** Piece (1)

**Material:** Aluminium, Iron, PC

**Wattage:** 15W, 25W, 40W, 50W

# DS3000 Retractable Shelter

## Standard DS3000 Retractable Dock Shelter

**Dimensions:** 3500(W)x3500(H)x600(P)

**Curtains:** 700 Side Curtains with a 1200 Drop Head Curtain  
Manufactured from 3.5mm thick polyester

**Side & Roof Curtain:** 600gm/m<sup>2</sup> flexible PVC polyester

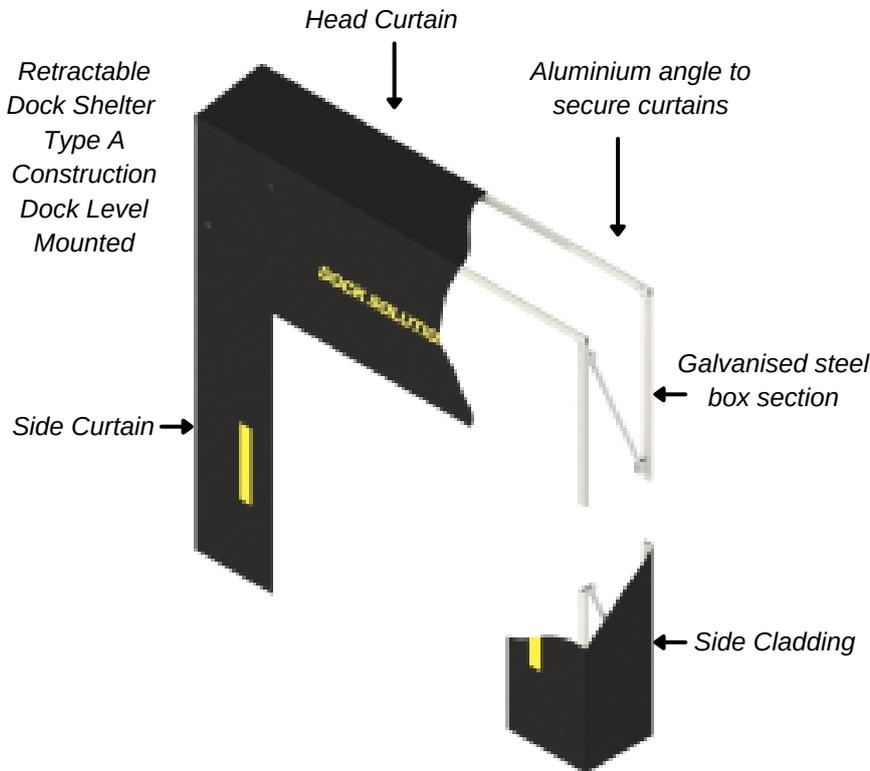
**Structure:** 60x30 galvanised steel box section

Cantilevered arms bolted to the back and front side frames

**Internal memory structure to enables the curtain to return to original position after it being distorted.**

**Framework:** A 60mm x 30mm galvanised steel box section was used to make this product. Bolted to the back and front side beams are cantilevered arms. These pivot at each end, allowing the shelter to retract against the building in the event of a vehicle collision.

**Options:** The dock shelters are available in a variety of heights, widths, and projections to meet your specific needs. Curtain dimensions and designs are also available to offer the best possible sealing solution for your fleet of vehicles.



**DS300SC**

**DS3000 Side Curtain**

**Unit: Piece (1)**



**DS3000HC**

**DS3000 Head Curtain**

**Unit: Piece (1)**



**DS3000RC**

**DS3000 Roof Cover**

**Unit: Piece (1)**



**DS3000SC**

**DS3000 Side Cover**

**Unit: Piece (1)**



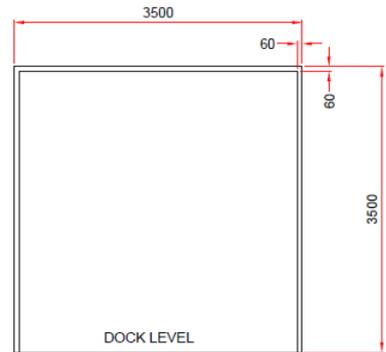
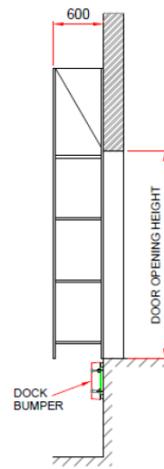
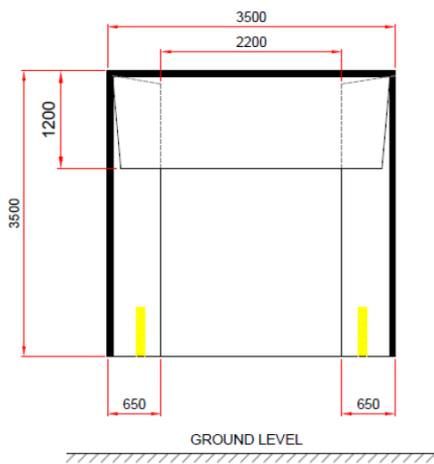
### Built for the Job

The vertical side and horizontal head frames are constructed from zinc plated steel box section, covered with a polyester based PVC fabric.

The vertical side and horizontal head curtains are constructed from a 1500gm/m<sup>2</sup> nylon-based neo-prene-coated 3.5mm thick PVC material with high wear and tear resistance.

### The Vital Gap Sealed

Dock Shelters offer a varying dimension sealing solution for most environments. Creating a seal between building and vehicle which is essential in today's environment



#### FIXING AREA

The fixing area which has to be supplied by the client must be flush and in the same plane. It must be able to support the dock shelter and pressure of approx 350kg



### Recommended Products



**WG168PBD**  
**Straight Wheel Guide**  
**Material & Finish:** Made from 168mm steel tube & available in Painted, Galvanised and Powder Coated finish  
**Unit:** Pair (2)  
**Dimensions:** 2400/2070(L)x250(W)x365(H)



**TL1**  
**Traffic Light**  
**Unit:** Piece (1)  
**Housing:** Aluminium & Stainless Steel  
**LED Quantity:** 45 Red & 45 Green



**LOADINGLIGHT**  
**Flexible Arm Loading Bay Light**  
**Unit:** Piece (1)  
**Material:** Aluminium, Iron, PC  
**Wattage:** 15W, 25W, 40W, 50W

# DS4000 Inflatable Shelter

## Standard DS4000 Inflatable Dock Shelter

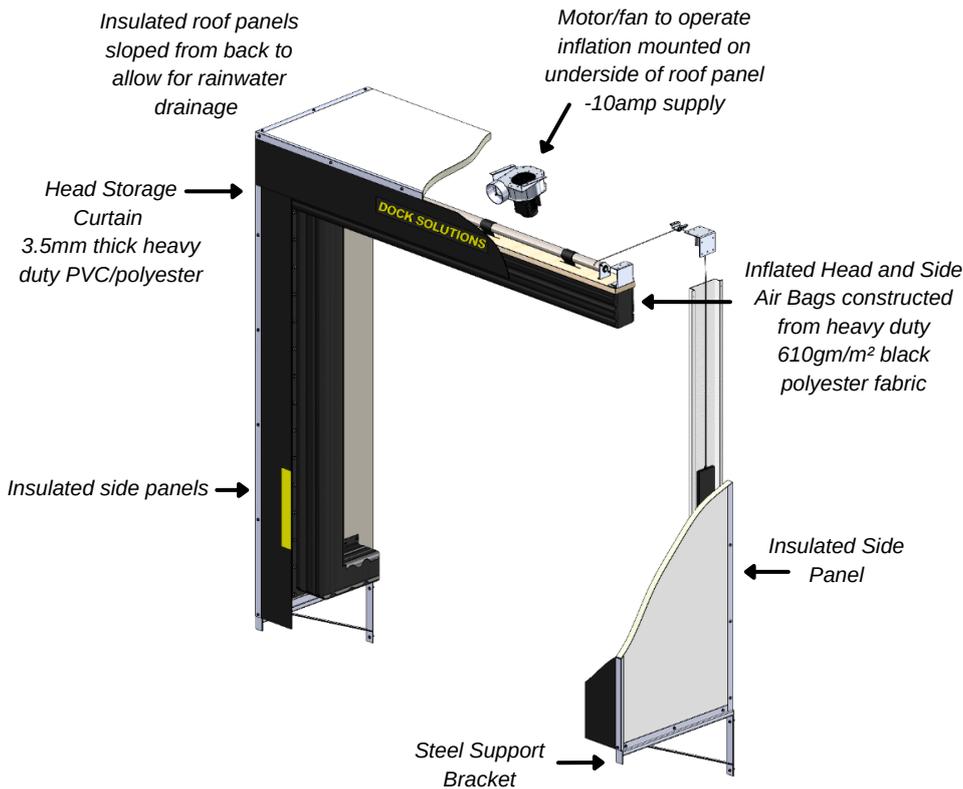
**Dimensions:** 3500(W)x3500(H)x1100(P)

**Curtains:** 500 Storage Curtains with a 500 Head Storage Curtain  
Manufactured from 3.5mm/3.4kg per m<sup>2</sup> PVC

**Side & Roof:** Clad in 50mm thick Insulated Panels

**Internal memory structure to enables the curtain to return to original position after it being distorted.**

Inflated by a fan motor to seal the head and side bags against both sides and the top of a vehicle. The head and side bags are constructed of a extremely hard wearing material which is waterproof and has a high tear resistance. PVC, 3.5mm thick material is used for the storage curtains. The shelter is constructed from 50mm thick insulated panel with standard white to both sides. Other colours are available as an option motor. The control is switched on to inflate the air bags a 0.18kW 415v 3ph electric fan. Inflation time is between 10 and 15 seconds. The fan runs continually while the loading/unloading opera



### DS4000HEADBAG

Head Bag

Unit: Piece (1)



### DS4000SIDE BAG

Side Bag

Unit: Piece (1)



### DS4000SIDE

Side Storage Curtain

Unit: Piece (1)



### DS4000HEAD

Head Storage Curtain

Unit: Piece (1)



### E13

Single Phase Fan Motor

Unit: Piece (1)



### E158

3 Phase Fan Motor

Unit: Piece (1)

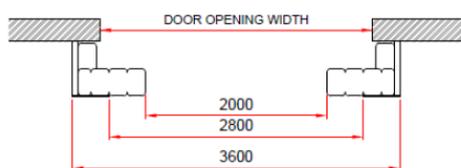
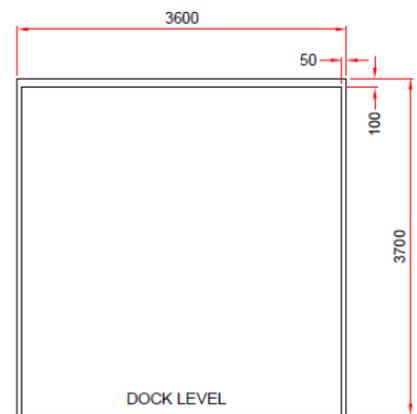
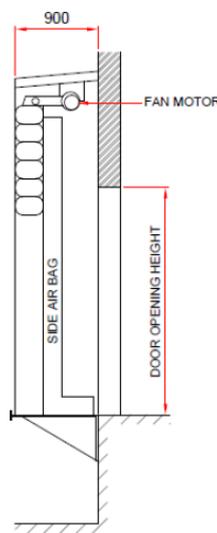
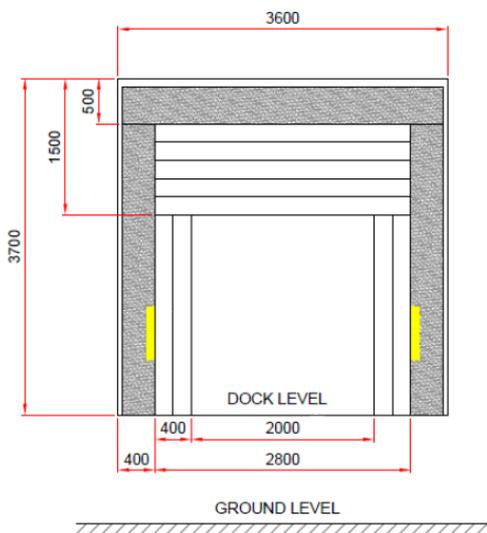
## Built for the Job

Inflated by a fan motor to seal the head and side bags against both sides and the top of a vehicle. The head and side bags are constructed of an extremely hard wearing material which is waterproof and has a high tear resistance. PVC, 3.5mm thick material is used for the storage curtains.

The shelter is constructed from 50mm thick insulated panel with standard white to both sides. Other colours are available as an option motor.

The control is switched on to inflate the air bags a 0.18kW 415v 3ph electric fan.

Inflation time is between 10 and 15 seconds. The fan runs continually while the loading/unloading opera



**DS4000 INFLATABLE DOCK SHELTER**  
Main frame of 50mm insulated panel clad both sides with plastisol coated steel sheet, standard colour white. Air bags in 100 denier cordura, storage curtains on 3.5mm thick PVC. Power supply requirement N+3 phase 10amp supply

**FIXING AREA**  
The fixing area which has to be supplied by the client must be flush and in the same plane. It must be able to support the dock shelter and pressure of approx 350kg

## Recommended Products



### WG168PBD

#### Straight Wheel Guide

**Material & Finish:** Made from 168mm steel tube & available in Painted, Galvanised and Powder Coated finish

**Unit:** Pair (2)

**Dimensions:** 2400/2070(L)x250(W)x365(H)



### TL1

#### Traffic Light

**Unit:** Piece (1)

**Housing:** Aluminium & Stainless Steel

**LED Quantity:** 45 Red & 45 Green



### LOADINGLIGHT

#### Flexible Arm Loading Bay Light

**Unit:** Piece (1)

**Material:** Aluminium, Iron, PC

**Wattage:** 15W, 25W, 40W, 50W

# Control Panels



**CONTROLPAN**  
Hinge Lip Leveller Control Panel  
Supply: 425v  
Standard Safety Built to BE1398  
Rating: IP65  
Coil Output: 24c AC



**TELECONPAN**  
Telescopic Leveller Control Panel  
Supply: 425v  
Standard Safety Built to BE1398  
Rating: IP65  
Coil Output: 24c AC



**DSCONTROLPANEL**  
DS4000 Control Panel  
Unit: Piece (1)  
Operates DS4000



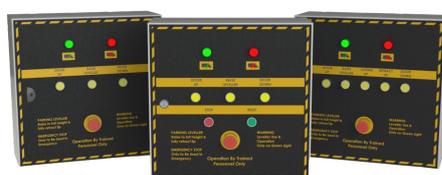
**CP-DS4000&TL**  
DS4000 & Traffic Light Control Panel  
Unit: Piece (1)  
Operates DS4000 & Traffic Light



**TLCP**  
Traffic Light Switch  
Unit: Piece (1)  
Operates Traffic Lights



**CP-LOADINGBAYLIGHT**  
Loading Bay Light Switch  
Unit: Piece (1)  
Operates Loading Bay Light



**COMPCON - (1,2,3)**  
Multi-function Control Panel  
Unit: Piece (1)

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