



DOCKING SOLUTION



1. Hydraulic Dock Leveller



SWINGING UP

Single plate 16mm Thickness more rugged and durable, does not produce stress cracking problem.



MAINTENANCE STRUT

The maintenance strut is to protect the workers during cleaning and repairing process to ensure the safety standards.



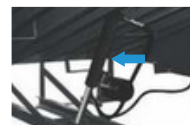
SAFETY VALVE

Security Block: In case of accidental moving of the truck, the dock leveller will be blocked with a short stroke.



MAIN PLATE PROFILE

It consists of 8-12 Type steel profiles according to the plate. The structure ensures strength and resistance to torsion of the main plate.



PISTON

Main piston for upper plate small piston for the lip.



HYDRAULIC UNIT

100% imported, High performance hydraulic unit, reliable operation

Optional Part

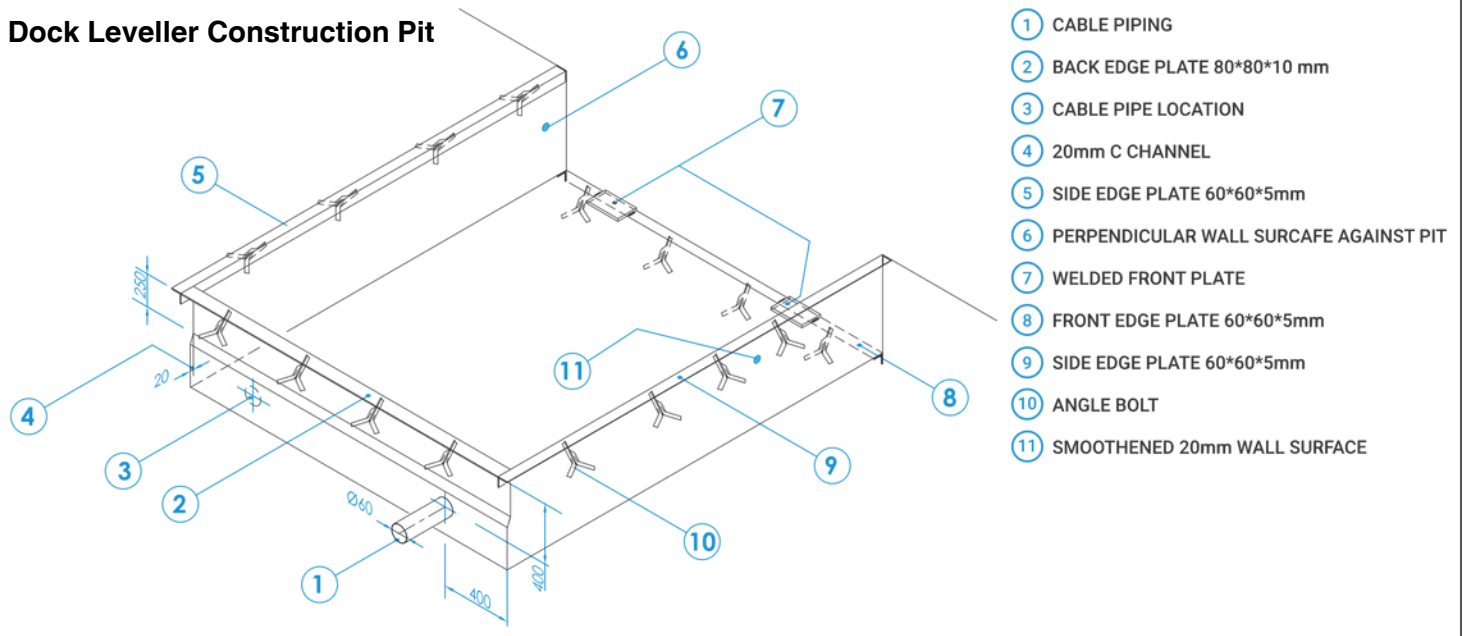
- 220V. 1PH. 50HZ
- Dual hydraulic lifting system
- Open type Hinge
- Non-standard load, sizes, colors
- Brush/vinyl seal Galvanized treatment
- 500mm long board
- 600mm depth base pit
- Lip with side flaps Interlocking between sectional door
- locked vehicle setting

Technical Data

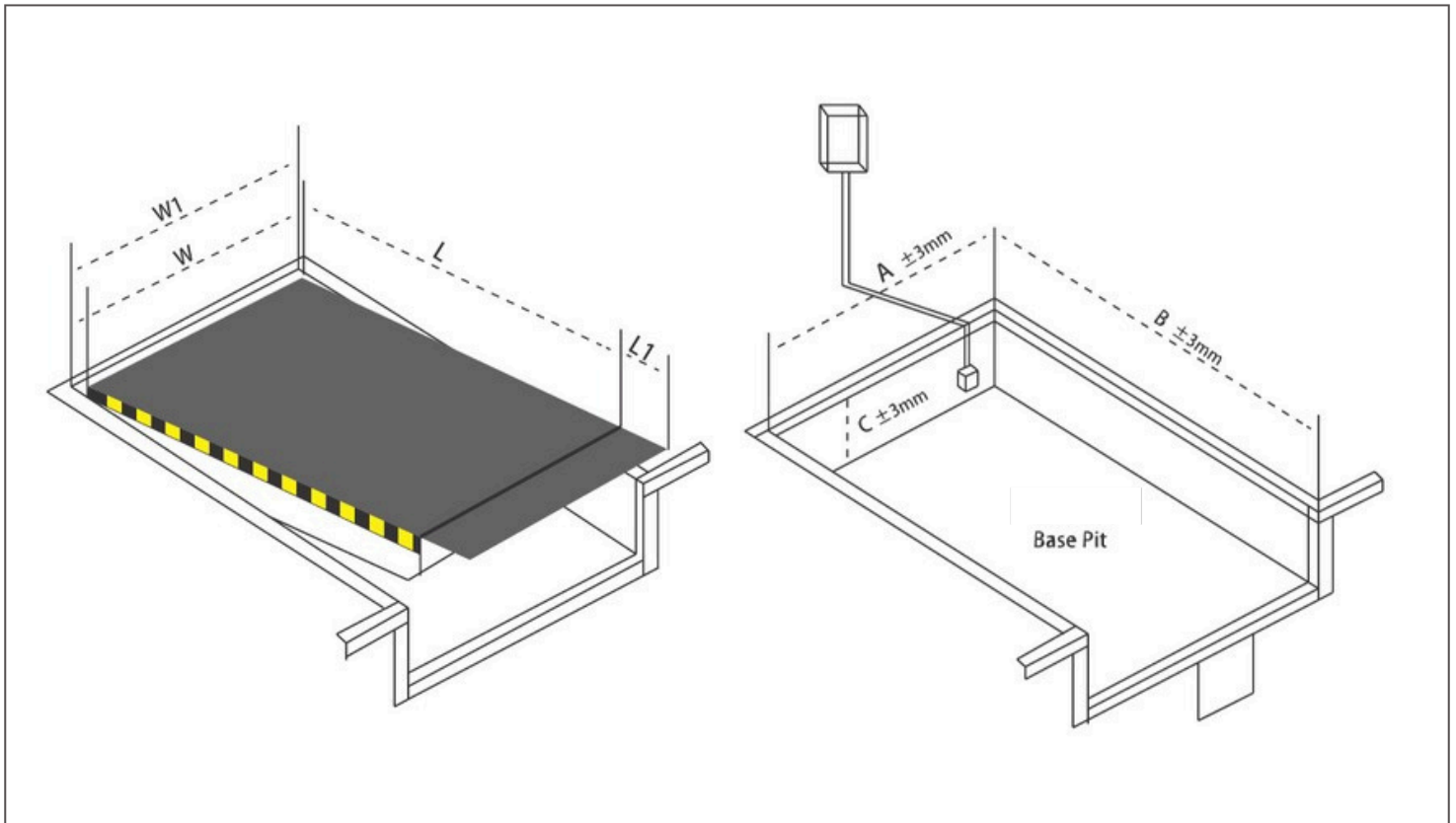
Standard Sizes (W x L x H)	1980x2210x500mm
Dynamic Load Uniformly Distributed Load	6000kg/10000kg
Adjust Range	+350mm/-300
Thickness Of upper Plate	8mm Thickness
Swinging Lip	16mm Thickness Fully Steel Plate
Standard Colours	Grey/Black
Support Frame	Hydraulic Power Unit
Working Temperature	120Bar
Oil Tank	5L
Control Box	24Volts, IP65
Security	Safety Valve, Full Range Protection Sheet, Maintenance Support Rod



Dock Leveller Construction Pit



Dimension



Leveler Sizes	Leveler Width	WLeveler Length	LTip Length	L1 Base Pit Sizes	A Base Pit Size	BLeveler Size
6 x 8	1830	2210	400	1880	2210	500
6.5 x 8	1980	2210	400	2030	2210	500
7 x 8	2130	2210	400	2180	2210	500
6 x 10	1830	2860	400	1880	2860	500
7 x 10	2130	2860	400	2180	2860	
2000 x 2000	2000	2000	400	2050	2000	500
2000 x 2500	2000	2000	400	2050	2000	500

Special Sizes can be custom made

2.Dock Shelter



APPLICATION FEATURE

- It can work with a wider range of vehicle types and requires the building to have sufficient wall load-bearing capacity.
- Various options are available to meet your specific needs.

SIDE AND TOP PVC CURTAINS

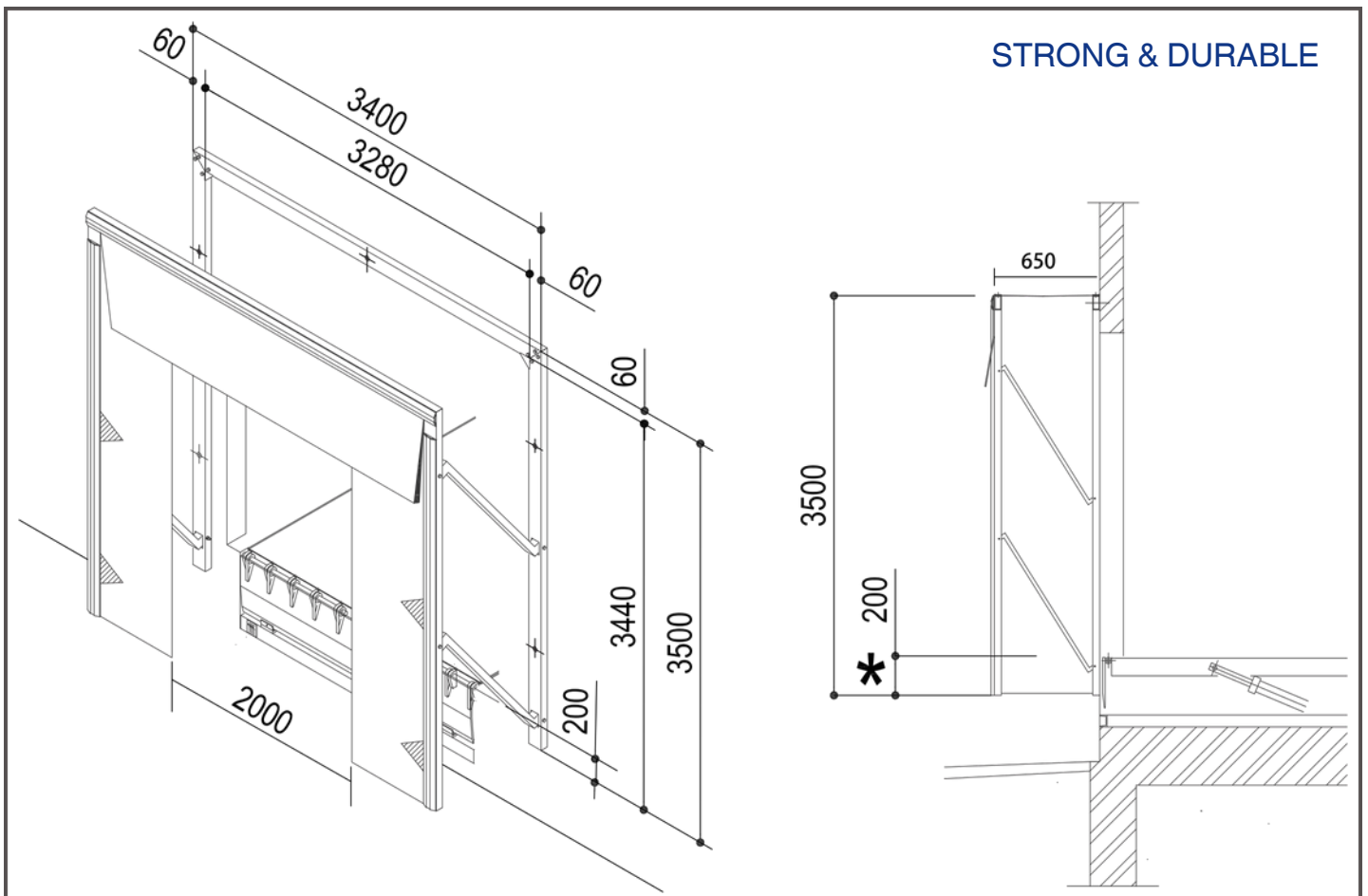
- The side and top curtain is made of 1mm thickness PVC Fabric. The Weight Is 750g/m.
- Breaking strength 4000/4000 N/5cm2.
- Tear strength: 580/500 N

RETRACTABLE FRAME STRUCTURE

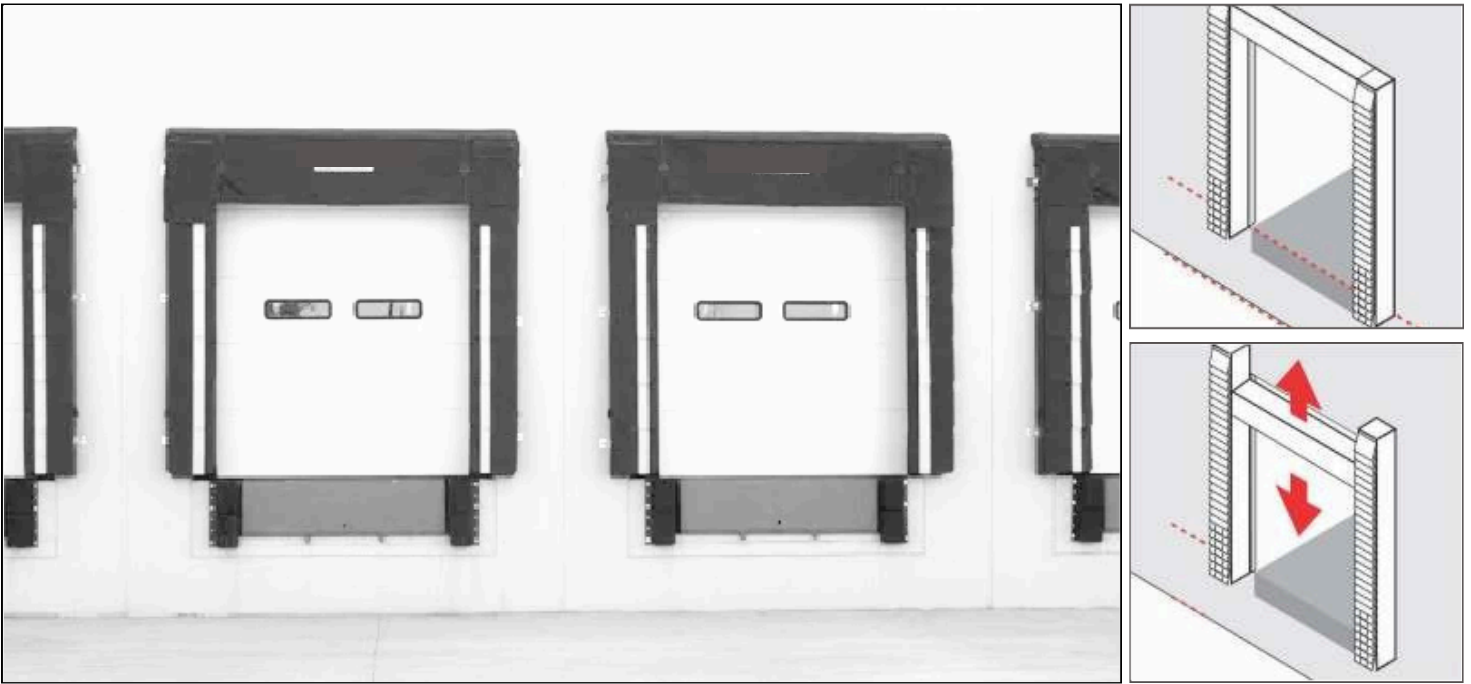
- The dock shelter is constructed from galvanized steel with a cross section of 60x30mm. The front and rear frames are connected by a retractable rod, which moves when the truck is pushing and returns to its original position once the truck departs.

SURFACE PVC CURTAIN

- The front curtains are made of 3mm thick PVC sheet, reinforced with internal nets. They offer outstanding crash resistance, flexibility, and corrosion resistance.
- Top Curtain height: 1000mm
- Side curtain width: 700mm



3.Dock Seal



APPLICATION FEATURE

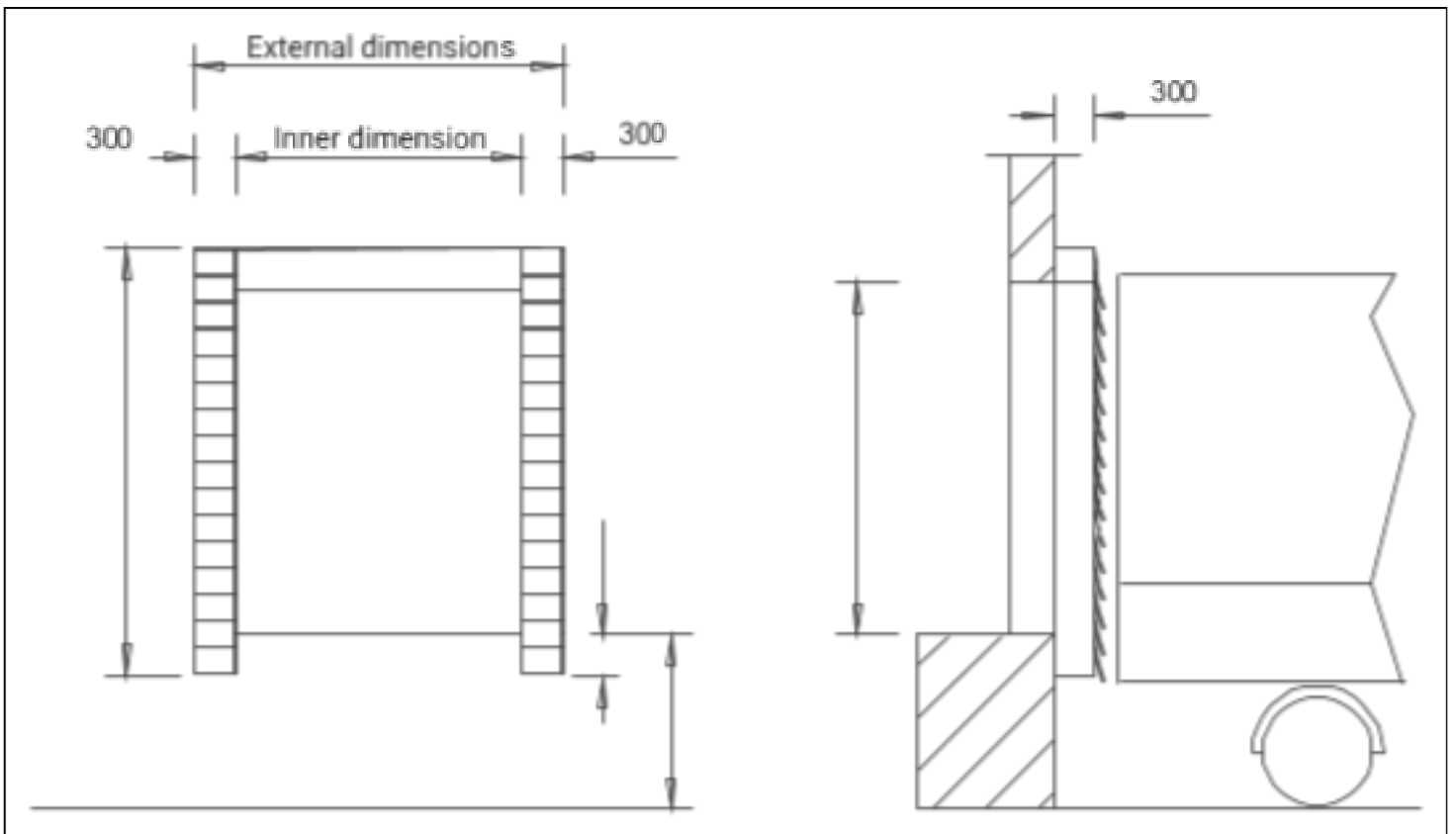
- Ideal for door shelter applications that require insulation, are compatible with the same vehicle types, and have higher wall load-bearing capacity.
- We offer a wide variety of dock seal designs to suit different vehicle sizes, including adjustable, curtain-hanging, inflatable types, and more.

SIDE AND TOP PVC CURTAINS

- The side and top curtain is made of 1mm thickness PVC Fabric. The Weight Is 750g/m.
- Breaking strength 4000/4000 N/5cm².
- Tear strength: 580/500 N

RETRACTABLE FRAME STRUCTURE

- The liner is made of electroplated steel plate or wood preservative pad, fully fitting the wall. The door seal is filled with high-density compressed sponge, with a cube density of 40kg.
- Sectional dimensions: 300mx 300mm



4. INFLATABLE DOCK SHELTERS - AZ DSI

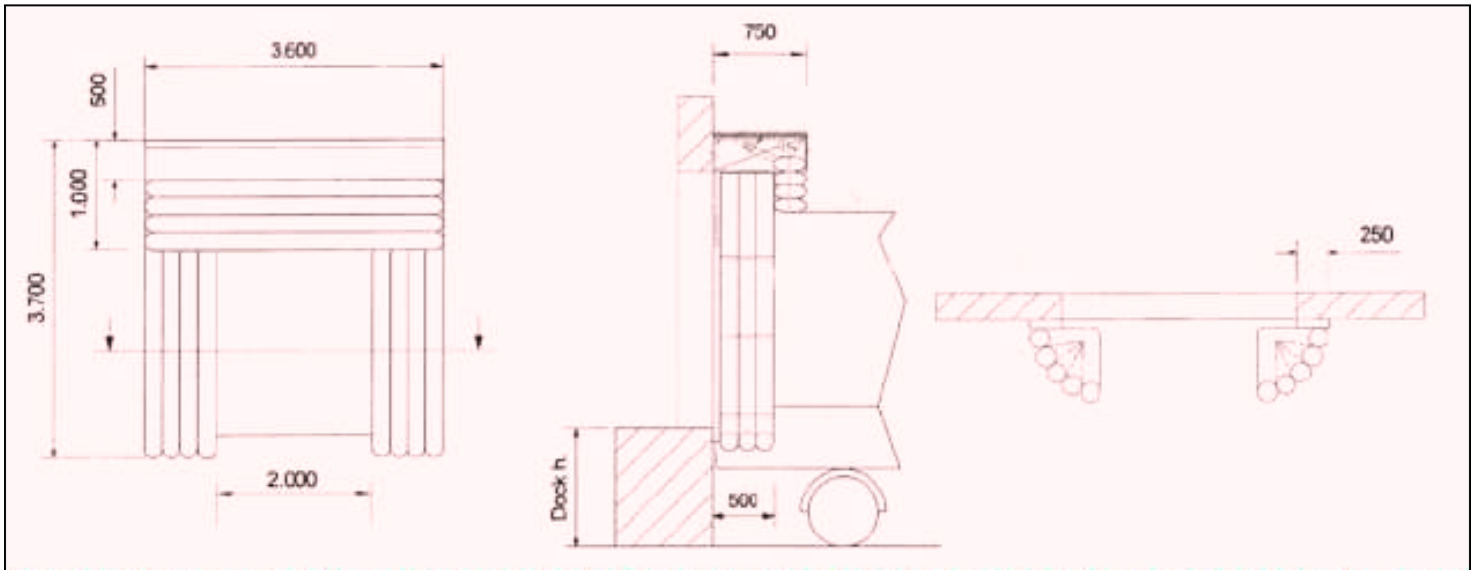


APPLICATION FEATURE

- It can cooperate with trucks of various sizes while providing excellent insulation. It is ideal for applications that require strict temperature control and extended docking times, such as in cold storage.

STRUTURE AND FIGURES

- It is made up of 2 side inflatable PVC fabrics and 1 top inflatable PVC fabric. Air inflation is powered by a 3-phase, 380V air blower. It also includes a weight recovery unit that controls the opening and closing mechanism.
- Inflation Time: 15sec.
- Close Time: 15sec.



5. Dock House



APPLICATION FEATURE

- It is suitable for cold storage applications due to its excellent performance in preventing energy loss.
- It provides a strong sealing function during the loading and unloading process.
- It doesn't take up any interior storage space, thereby maximizing space utilization.

STRUCTURE FEATURE

- The main frame is made of a steel structure, with the dock leveler positioned inside.
- The building is made of a galvanized steel structure, with the roof and walls featuring 40mm thick insulation panels.
- The dock shelter is installed on the loading side.
- The sectional door can be installed at the front or rear of the building, based on the customer's preferences.

OPTIONS

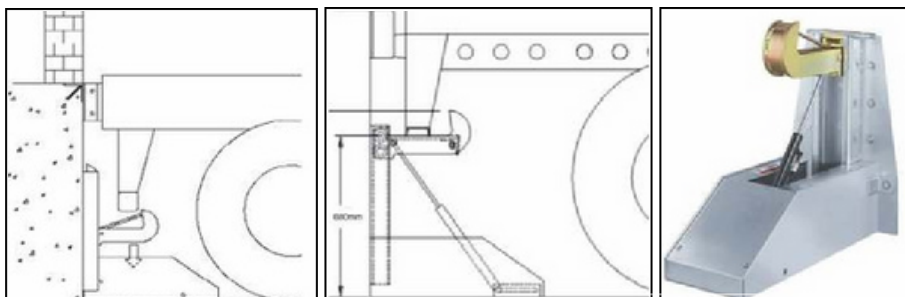
- The spire structure enhances water drainage.
- Various thicknesses and colors of roof and wall panels are available.
- An inflatable dock shelter is also an optional feature.

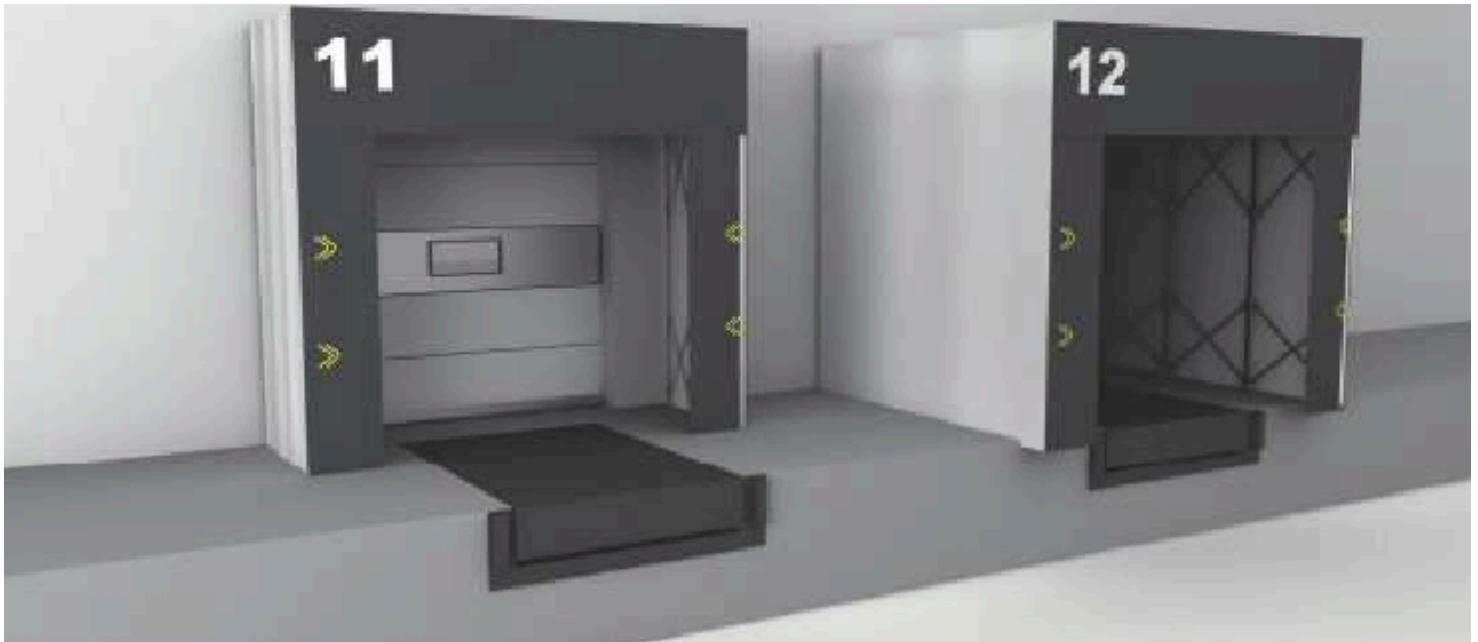
OTHER FORMS: DOCK TUNNEL

- Dock tunnels are designed to provide a direct connection between the warehouse and the vehicle when a loading bay extends beyond the building.
- Retractable feature
- Wind and dust resistance during the loading and unloading process



Vehicle Restraints/Horizontal hook lock





APPLICATION FEATURE

- It is installed on the dock facade and floor to prevent the truck from moving by locking its anti-crash tail rod. This ensures safe and stable loading or unloading of goods by the forklift.
- Tension : 16000kg



STRUCTURE FEATURE

- Signal lights are provided to give clear guidance to both vehicles and forklifts during operation.



SAFE OPERATION

- The button automatically controls the start and exit procedures.
- The hook and locking device are safe and reliable during the loading process, fully adjusting to the vehicle's weight to prevent accidents and injuries.
- An alarm sounds if the vehicle is not properly hooked into the locking position, helping to prevent potential injuries and risks.

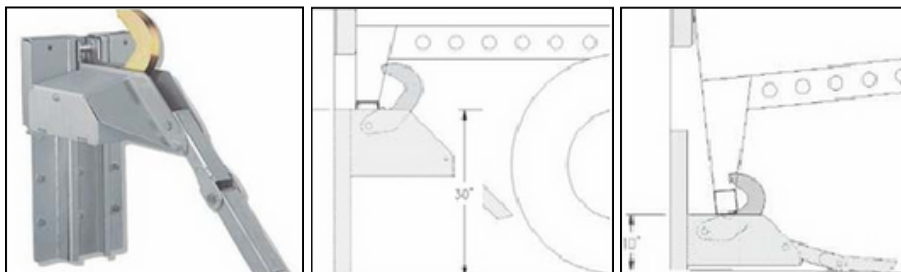


OPTIONS

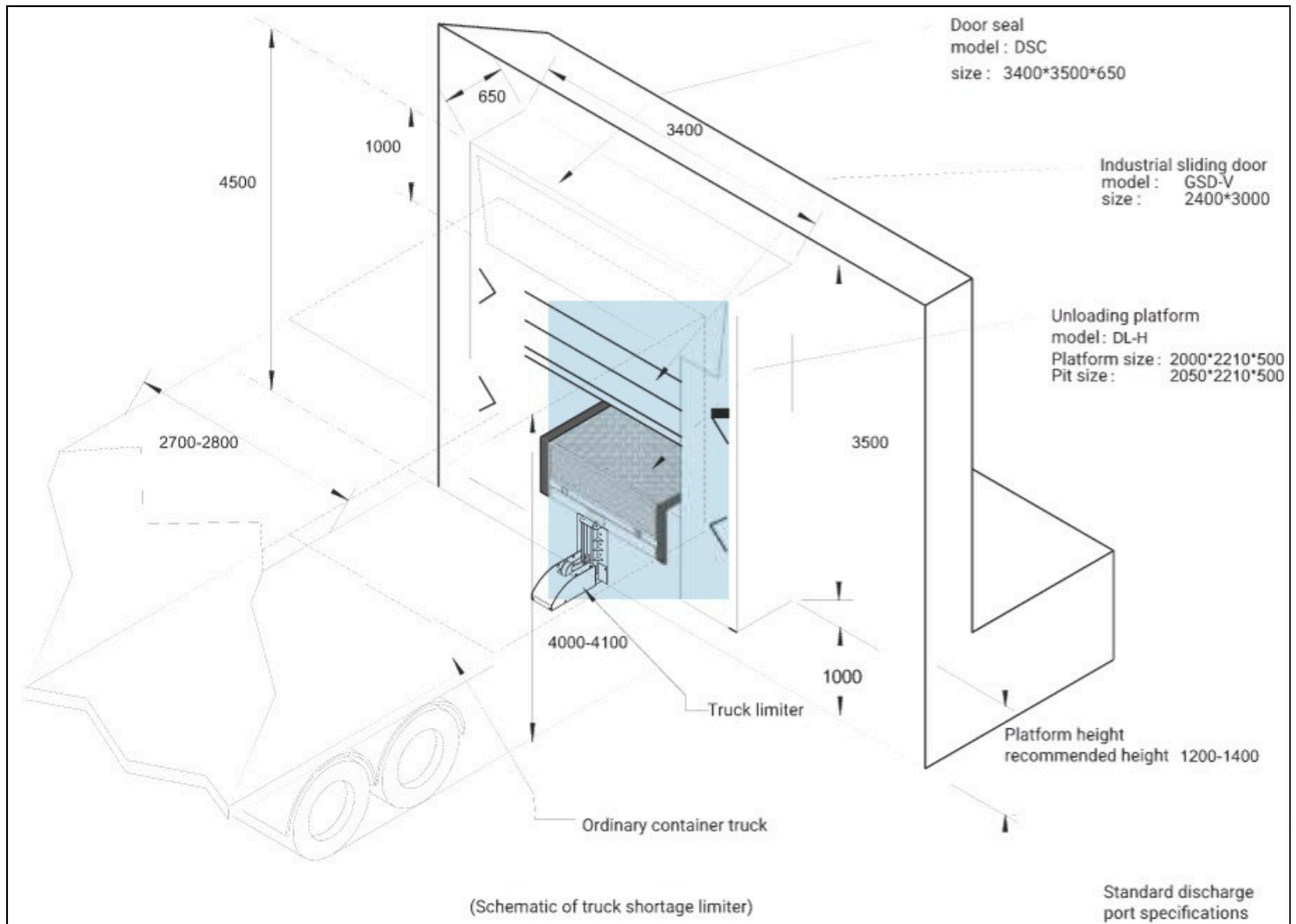
- Manual operation.
- The PLC-controlled circuit can be used for both the dock leveler and sectional door, allowing for an integrated control box for single-use operation.
- The circuit also includes additional components such as photo eyes, pressure switches, and more.



Rotary hook lock/Vehicle Restraints



6. STANDARD LOADING POINT



SAFETY IS NOT AN OPTION, IT IS A MUST

The dock is a dangerous region. Your Dock Levelers may have the following security risks.



LEAVE EARLY

When a forklift driver enters or exits the truck, the truck driver may mistakenly think the loading is complete and drive off without any alerts. This improper departure could cause the forklift driver to fall into the loading lane.



FLOOR STAND COLLAPSE

The truck driver may leave the container in the docking position using only the floor stand. When the forklift enters the compartment, the heavy weight could cause the floor stand to collapse, potentially resulting in injuries to the forklift driver and damage to the goods in the compartment.



TRUCK ROLLOVER

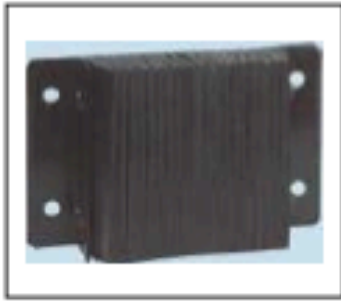
When a fully loaded forklift enters the truck at high speed, the sudden motion may shake the truck and cause it to become unbalanced. This can result in the rear of the container lowering while the front rises.



TRUCK SLIP

When the forklift driver repeatedly enters and exits the truck, frequent movements can cause the truck to slip even if the brakes are engaged. This could result in the forklift and driver accidentally falling to the ground.

7.ACCESSORIES



Impact Resistance Rubber



Impact Resistance Steel



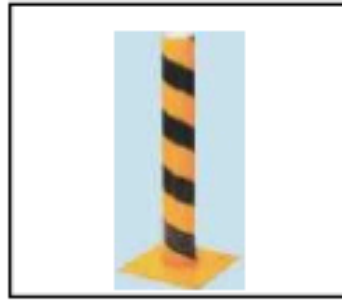
Optional Accessories



Wheel Support System



Platform Resistance Rubber



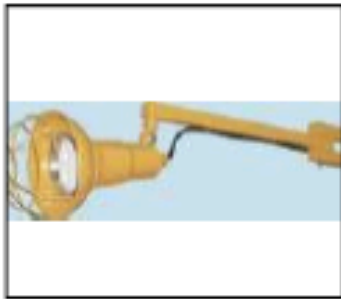
Steel Crash
Resistance Column



Reverse Positioning Indicator



Trailer Stand



Led light for
Positioning Indicator



LED Traffic lights



Safety warning lights



Integrated control box



Lip with side flaps



Brush Seal \ Vinyl Seal



Profile frame



Special galvanized treatment

Our esteemed client list includes

Automobile	Construction	IT Sector	Pharma And Foods	Hotels, Malls, Entertainment	Others
Tata Motor	Rohan	Infosys	Tetra Park	J W Mariott	Sandvik Asia
Bajaj	Ashoka Buildcon	AXA	Nestle	IBIS Hotels	KSB
Mahindra & Mahindra	Devi Construction	Eon IBT Free Zone	Chitale Bandhu	Novotel	Hindalco
Mercedes Benz	Gera Developers	KPIT Cummins	Coca Cola	Reliance Fresh	Kirloskar Brothers
Volkswagan	Ratilal Bhagwandas	Cybage	Corning India	Hotel Ambience	United Cranes
Skoda Auto	Elite Builders	ANSYS	Cipla	Ranka Jewllers	Oriental Rubber
Replus	Panchshil	PTC	Rich Graviss	Hotel New Leaf	Suzion
Flash Electronics	Vascon	Aurion ProSena	Oriental Yeast	Westend Mall	Kirloskar Pneumtaic
Volvo And Eicher	Shimzu Corporation	Expo India	Centaur Pharma	Aeromall	Techera
Harmon	Amanora Park	Magarpatta	Dream Plast	Velankani	Seco Tools
Bridestones	Copration Shimzu	Panchshil	B G Chitale Dairy	Solaris	Bobst India
Bosch	Nyati Group	Birla Soft	Cherry Park		Lifeline Hospitle
SKF	Magarpatta Township	Blue Ridge	Serum Institue		Mahaver Metal
Honeywell Turbo	L&W Construction		PV Son's		Harnex Systems
Piggio	Malpani		Datwyler		Pathera Graphite
Star Engineers	Goel Ganga		Alfa Laval		
GE Stamp	Suroj Buildcon		Drytech		
Motherson	Ulka Projects		Bharat Rubber		
Pinacal Mobility	Bhate Rajee		Tulip Pharma		
Super Auto	Ratnarup		Tastey Bite		
Eka Mobility	Kakkad Construction		Pravin Masale		

Who can benefit from Docking Solution



Warehouses & Distribution Centers



Manufacturing Plants



Cleanrooms & Laboratories



Any Business with a Loading Dock



Hospitals & Healthcare Facilities



Airports & Transportation Hubs



Cold Storage & Freezer Rooms



Food & Beverage Industry



OTHER PRODUCT



AUTOMATIC
SLIDING DOOR



HIGH SPEED
DOOR



SECTIONAL
DOOR



ROLLING
SHUTTER



SWING
DOOR



GARAGE
DOOR



DOCK
LEVELER



BOLLARD



SLIDING
GATE



SWING
GATE



RETRACTABLE
GATE



BOOM
BARRIER

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