



## ▶ DOCK LEVELERS FOR LOADING DOCKS



II EXTERIOR    🚛 LOADING DOCKS    ➔ OPTIMIZE GOODS MOVEMENT

- Dock levellers are designed to facilitate and optimize the loading and unloading operations of the trucks, mainly in warehouses with intense goods traffic.

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- Used to span the distance and the height between the box of the truck and the entrance to the warehouse, allowing the pallet trucks to access the interior of the truck, reducing the loading and unloading time.

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- Dock levellers are very important to insulate the loading bay, from outside temperatures or dirt, so they are usually fitted with sectional doors and dock shelters.

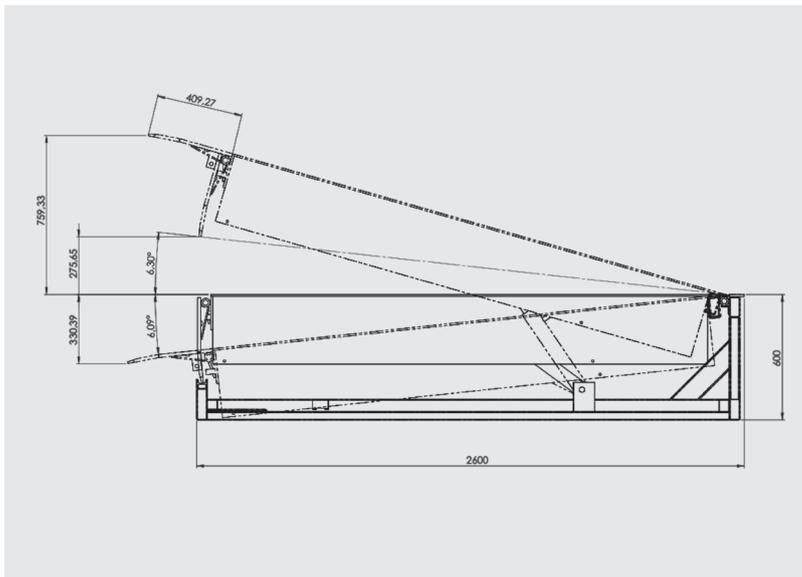


## HYDRAULIC DOCK LEVELERS

### STRUCTURE

- Platform with capacity of 6 tons of dynamic load and 9 tons of static load.
- Upper non-skid teardrop plate of 5/7mm thick and a kit of laminated profiles and safety side skirts.
- Extendable platform up to 400mm made of 13/15mm thick teardrop plate, folded and machined on the end, which allows the platform to adapt itself to the existing distance and height between the loading bay and the lorry, and facilitate forklifts and trolleys traffic.
- Assembly made of laminated profiles on which is installed the platform and the hydraulic unit including 1 lifting cylinder and 1 cylinder for the pull-down platform.
- Anticorrosion treatment and powder-coated with polymerised paint in ovens at 200°C.
- Resistant to temperatures between -20°C to 50°C.
- Standard finish: black lacquered steel RAL5005.
- Optional finish: galvanized steel or stainless steel AISI 304 or 316.

### HYDRAULIC DOCK LEVELER DRAWING 2000 MM (WIDTH) X 2600 MM (LENGTH) X 600 MM (LIP)



## AUTOMATION

- Hydraulic unit with 1.1 kW motor (1,5 CV).
- Control panel IP55 with emergency stop.
- Power supply: 3x380v-50Hz with levelling system.
- Operation: 24 Vac.
- Consumption: 2 A.
- Operating pressure: 170 bar.
- Flow: 2.2 cm<sup>3</sup>/8s.
- Other voltage under request.

## SAFETY

In compliance with the EU standard, the dock leveller has the following safety mechanisms:

- Lifting cylinder with parachute valve to prevent a sudden fall of the dock leveller.
- Emergency stop activate by a disconnect switch or by a voltage drop.
- Security bar preventing it from closing during maintenance operations.

### STANDARD SIZES (mm)

2000 mm (Width) x 2155 mm (Length) x 600 mm (lip)  
 2000 mm (Width) x 2600 mm (Length) x 600 mm (lip)  
 2000 mm (Width) x 3155 mm (Length) x 600 mm (lip)  
 6' Width x 8' Length x 500 mm lip

## OTHER DOCK LEVELERS

### VERTICAL STORING DOCK LEVELER

- Application in facilities and warehouses where a greater control of the temperature and levels of cleaning and hygiene is required.
- Its main advantage is that it allows to open the doors of the truck inside the warehouse, which minimizes the entry of waste and cold, avoiding breaking the cold chain.
- Optimum solution in modern and automated loading docks, where it is combined with other loading equipment (sectional door, inflatable dock shelters...), allows to optimize the loading processes, minimizing the risk of accidents.
- Manufactured in accordance with the CE marking, it is ready for all safety mechanisms, such as side skirts, emergency stop and cylinder with parachute.

### LIFT TABLE

- Designed to solve truck loading and unloading operations when there is no high loading dock or there are no connection ramps between the warehouse and outside.
- It allows to move goods between different levels inside a warehouse, being very useful to lift pallet trucks at different level and heavy elements that are not easy to move.
- It can be used in a variety of sectors, due to its versatility and the large number of accessories available, such as safety rails or non-slip floor.
- Manufactured in accordance with the CE regulations, it is equipped with all the safety mechanisms, highlighting the emergency stop and the cylinder with parachute.

Static Capacity	9 Tm load
Dynamic Capacity	6 Tm load
Size (mm)	2200 W x 1800 H Fixed lip

Lifting capacity	Maximum lift 2000 mm
Loading capacity	6 Tm.
Size (mm)	maximum size 2000 W x 3000 L





## LOADING DOCKS BUMPERS

- Bumpers are placed in the loading bays to cushion any impact from the trucks during goods loading and unloading operations.
- They assure greater efficiency in the process by maintaining the distance necessary between the dock leveller and the truck, avoiding damage to the wall.
- Tough and resistant, the bumpers are designed and made from several elastic materials that absorb impacts and limit damage as far as possible.
- Easily fixed, using metal bolts, welding or a combination of both.

## MODELS

- POLYURETHANE BUMPERS
- STEEL AND RUBBER BUMPERS
- RUBBER BUMPERS

## Improving **your** access



ABH DOCK SOLUTIONS is specialized in the design and manufacture of solutions to improving the flow of goods inside the warehouse or shops, as well as the optimization of external access.



HIGH ADDED  
VALUE



COMMITMENT



EASY FITTING  
& LOW  
MAINTENANCE



QUALITY & I+D



FLEXIBILITY

Our products are focused to satisfy installers and end customers' needs: improve the cold chain, save energy, reduce operating costs and ensure the maximum efficiency of the facilities, in order they are 100% working.