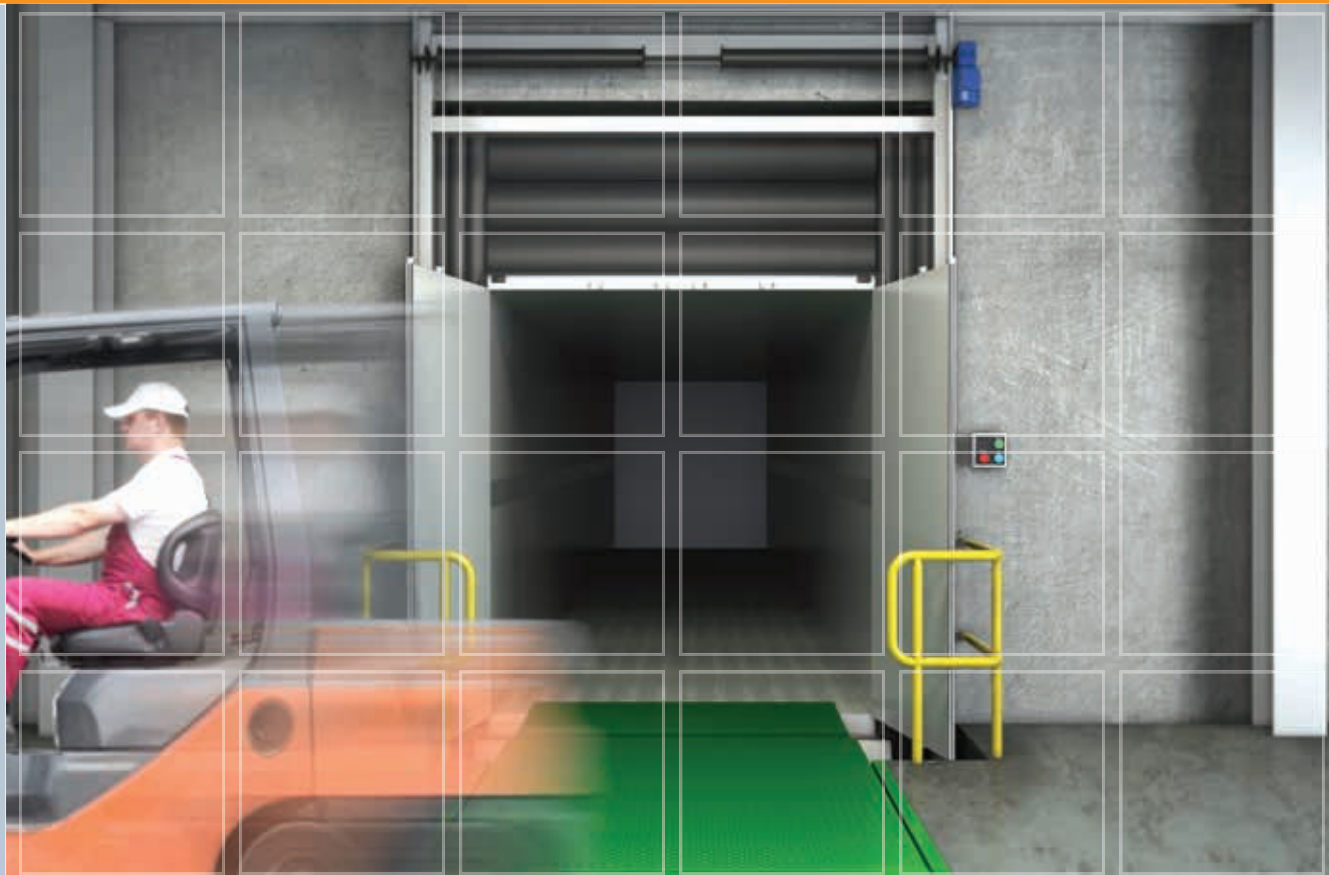


Introducing **ClearDock** by Esidock  
a new breakthrough for the logistics sector



**Esidock:** Revolutionising  
Dock Equipment  
through **Innovation**

**ESIDOCK**  
Environmentally Secure Integrated Docks



The **EsiDock** philosophy is always to maximise labour efficiency, truck fleet utilisation and energy savings through innovative invention. We aim to deliver new standards in process efficiency and goods handling.



# Introducing ClearDock

EsiDock have revolutionised the loading and unloading process of trailers on loading bays. We have identified a need within the market for the ability to open trailer doors into the building and provide unrestricted access to the back of the vehicle.

The conventional bay requires the driver to get out of the vehicle to open the doors before backing right onto the loading bay. With the ClearDock system, the driver remains in the vehicle at all times and the doors are opened into the facility.

The ClearDock system works by using retracting hydraulic buffers, allowing the doors to be opened into the facility and providing unrestricted access to the back of the vehicle.

**Offers total warehouse security**

**Offers total product control from own personnel**

**Offers faster trailer turnarounds**

**Reduces risk of injury in yard**

**Provides unrestricted access to back of vehicle**

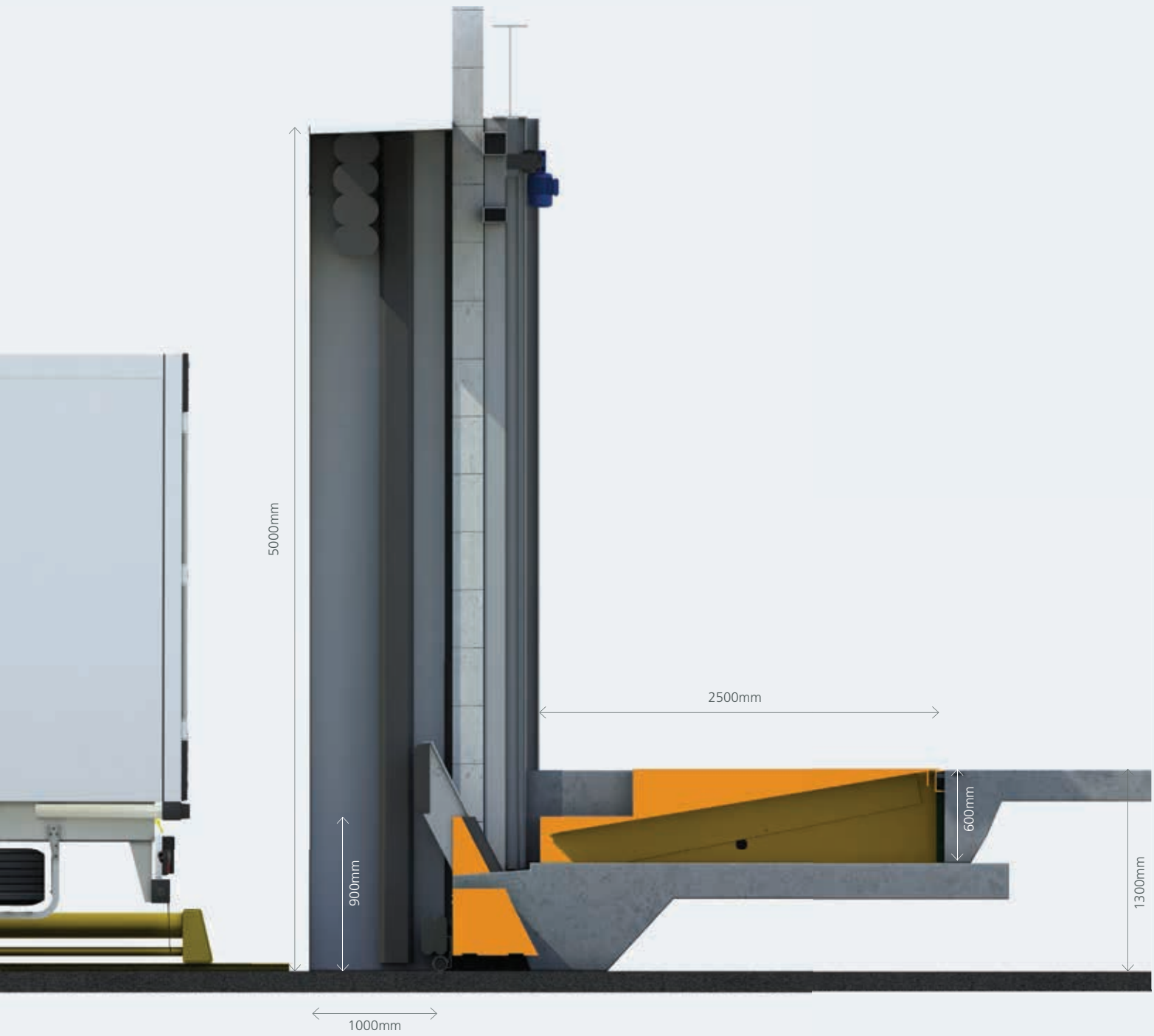
**Reduces or negates need for shunter trucks**

“ We required the ability to dock trucks, 24 hours a day, to our facility with minimal movements whilst retaining the security of the load and warehouse”

Client comment

Introduction





# ClearDock Solution (DIS) Drive Through Solution

**Efficiency** ClearDock Solution is a fully automated system enabling the bumpers to retract by hydraulics rams providing efficiency for warehouse operators and for the truck driver. By enabling the opening of docked vehicle doors into the loading dock, ClearDock Solution vastly increases loading and unloading productivity reducing turnaround times.

The conventional loading bays, by their design, requires the driver to get out of his truck, unsecure the load and prepare it for the unloading, whilst also ensuring the building is ready to accept the load. When the process is repeated several times, it represents 10% of an 8-hours shift. This equates a loss of 24-man days per year.

**Security** ClearDock Solution also provides a secure loading dock ensuring the truck can be docked into the loading bay and left there without opening truck or warehouse doors while the operator is preparing to attend the bay.

Once the warehouse is ready, doors can be opened without exposing goods. This also guarantees controlled access to the vehicle ensuring the load is only accessed by authorised personnel within the facility.

**safety** ClearDock Solution ensures the loading dock is a safe working environment. The system doesn't require the driver to get out of his truck which reduces risks of accidents.

## Primary Function

Allows trailer doors to open into facility.

## Benefits

Provides greater security of goods in warehouse and trailer for operators.

Ensures driver and operator safety in docking operations.

Provides labour efficiency with yard operations.

Provides the possibility to create a complete seal between trailer and facility ensuring non contamination of goods and conservation of controlled temperature.

## Operational Capability

Designed to service the full range of containerised and refrigerated vehicles and trucks.

Truck fleet utilisation improvements for fleet operators.

## Operational Benefits

Operator retains full control of access to warehouse and trailer.

No shunting required – yard movements drastically reduced.

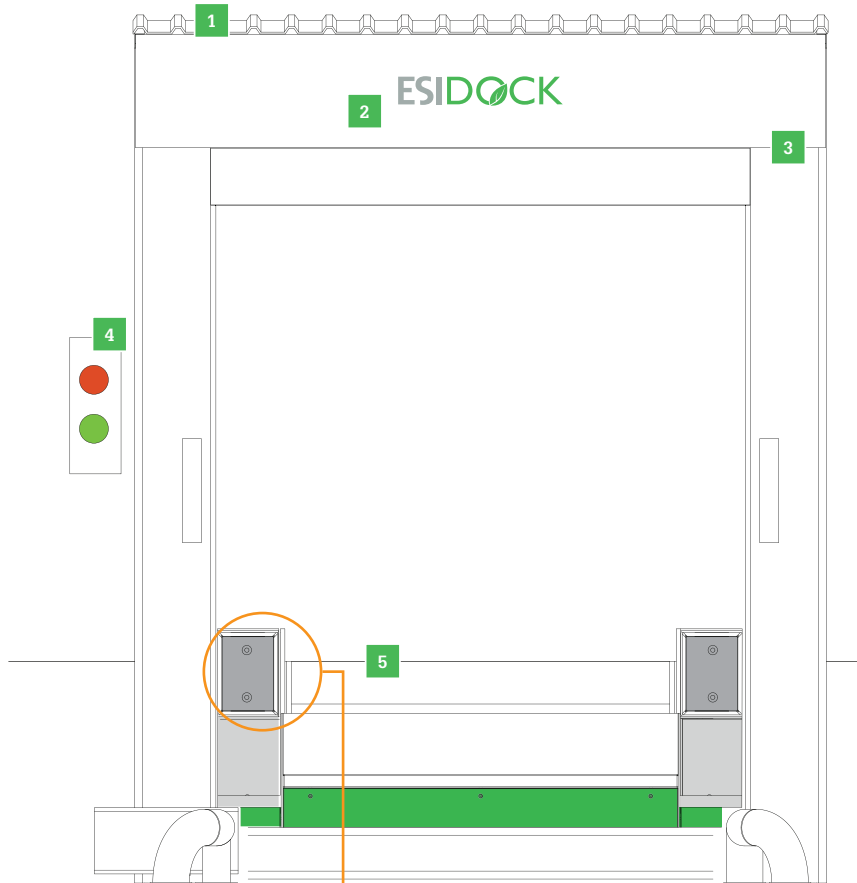
Trailers can be left in position for unloading while the load remains secure.

Warehouse remains secure and airtight until operator is ready to unload.

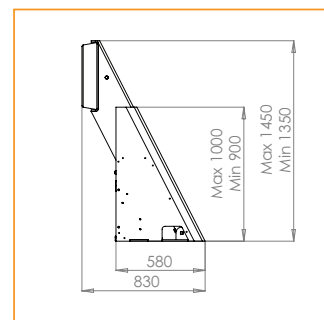
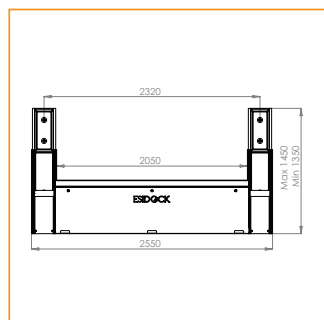
No damage to the bumpers during the loading or unloading process.

# ClearDock Solution: Technical Details

Esidock components are manufactured to the highest standards and comply with all international standards.



- 1 Pod**  
Standard shelter  
Color coded shelter  
Fully insulated
- 2 Branding**  
Area reserved for branding.
- 3 Dock Management System**  
Sequential control  
Single/constant impulse
- 4 Stop/Go Traffic Lights**  
Safety feature for drivers
- 5 Dock Leveller**  
1m telescopic lip  
Vertically stored leveller  
Painted finished  
Galvanised finished
- 6 Esidock Retractable Bumpers**  
Double bumper system  
Galvanized finished  
Painted finished



Esidock components are manufactured to the highest standards and comply with all international standards.

## SPECIFICATIONS

<b>Dimensions</b>	W2550mm x H900mm/1000mm x D580mm
<b>Gap between bumpers</b>	2050 mm standard (can be tailored)
<b>Trailer Floor Range</b>	900 x 1350mm or 1000 x 1450mm
<b>Finishes</b>	Galvanized Steel or Paint
<b>Bumpers</b>	Rubber Bumper 200 x 450 x 100mm Retractable Hydraulic System (Power Pack included)
<b>Drive System</b>	Electro hydraulic Drive System
<b>Operating Voltage</b>	230 Volt, Single phase/3 phase (country dependent)
<b>Control System</b>	Dock Management System Constant/Single Impulse
<b>Auxillary Components</b>	1000mm Telescopic Lip Dock Leveller Alternative Bridging Device All conventional door types Standard Shelter or environmental sealing device
<b>Note:</b>	Dock Management System available. Single source hydraulic operation available

## DIMENSIONS

**ClearDock Solution** ensures that the correct distance is kept between the truck and the loading bay. Depending on your necessities and the range of trucks the warehouse is going to receive, Esidock can modify the height of your dock by adding a 100 mm platform to the system. To make sure which of the two configurations is the correct for you, you should look at the lowest loaded truck and the highest unloaded truck.

## BUMPERS

The **ClearDock Solution** includes standard rubber bumpers to absorb the energy of the truck when it hits the building during the docking process.

## TRAILER FLOOR LEVEL RANGE

Trailer height serviceable range. Esidock Bumpers Solution serves the conventional range of containerised vehicles and trucks.

## FINISHES

Painted finish or galvanized steel ensures a complete corrosion protection. Every part is protected even recesses, sharp corners and inaccessible areas, ensuring long lasting, ease of inspection and lowest long term cost.

## SYSTEM OPERATION

Once the truck is docked with the doors in closed position and by pressing a button on the operating panel, the bumpers retract by a hydraulic ram to their lowest position allowing the doors to open without moving the truck. By operating the panel again, the bumpers extend to their original position.

# ESIDOCK

Environmentally Secure Integrated Docks

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