

Crawford
610 Swingdock
Dock levellers



Optimal swing lip dimensions for safe positioning on the vehicle bed

Bent swing lip prevents material handling vehicles from “grounding out”

Efficiency

To enable a safe and efficient process for loading and unloading, the 610 swingdock connects the building with the vehicle. The result is highest safety for the transfer of goods, avoiding injuries to the personal or damages to the equipment. It is a time saving solution securing shortest possible ways in and out of the warehouse. For the optimal working environment the 610 swingdock is installed as a part of the complete loading bay consisting of a dock leveller, an overhead sectional door and a dock shelter.

Mode of operation

The operation of a 610 swingdock is based on an electro hydraulic swinging mechanism which bridges the last centimetres between the building and the vehicle bed. When the dock leveller is raised, the lip swings out and then – when lowered – lays down safely onto the lorry bed. After loading or unloading, the leveller is raised again by the push of a button and auto-

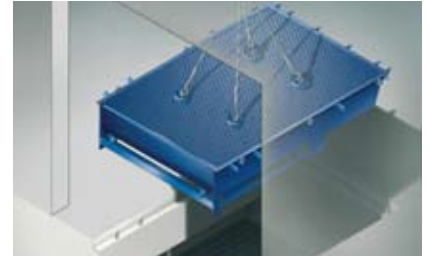


Swing lips in different configurations.

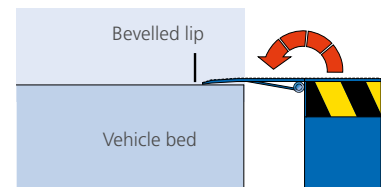


Safeguard emergency stop with two cylinders.

matically returns to its parking position, i.e. to ramp level. To enable the handling of vehicles with different widths, the swing lips are available in different configurations: square, shaped or with fold down segments.



Installation in the warehouse floor as a compact unit.



Steel lip design

A Crawford 610 swingdock with a lip made of steel represents a durable and impact resistant solution and stands for long life time.

- Preventive maintenance is easy and fast to secure functionality and avoid downtimes.
- Bent swing lip prevents material handling equipment from “grounding out”.

Right solution for smooth passage

The standard steel lip is 40 mm bevelled. Optionally, the lip can be bevelled 100 mm, designed to provide maximum comfort and smooth transition.

- Flat design for smooth passages between the leveller and truck bed. It is ergonomic as well as economical.

Advantages due to reduced chock loads for people and less wear and tear on the material handling equipment.

Technical Data	
Nominal length	2000, 2500, 3000, 3500, 4000, 4500 mm
Nominal width	1750, 2000, 2200 mm
Load capacity	6 tonnes (60 kN)
Vertical working range	
Rise above dock	250 - 620 mm
Fall below dock	270 - 350 mm
Platform tear-plate thickness with platform reinforcements according to the load capacity	6/8, 8/10 mm
Coating	RAL 5010, Hot dip galvanized
Lip material & length	Steel, 400 / 500 mm
Nominal voltage	400V 3-phase
Nominal motor power	1,5 kW
Control unit	Supervision 105, 105A, i105, i305 Service & fault Indicator
European standard	EN 1398 Dock levellers