



ALAPONT
GLOBAL

Loading docks

MECHANICAL DOCK LEVELLER WITH SWING LIP

The Alapont Global mechanical (or manual) loading dock is a suitable solution for any loading dock or platform.

- **Requires no electrical installation.**
- Characterized by its strength and safety.
- Offers a quick, economical, and easy-to-maneuver solution for overcoming height differences between the loading dock and the truck bed.
- Features a folding lip for perfect adaptation to the truck.
- **Resistant to temperatures** between -20°C and 50°C.
- Optional **formwork box**.
- **Reinforced central section** for the passage of 3-wheeled forklifts.



CAPACITY RANGE

6 - 9 tons

*All standard models can be manufactured with all load capacities. Consult for other configuration options.

COMPONENTS

1. PLATFORM

Manufactured from European standard S275 Tread Plate steel, ½" thick. Its base incorporates 8 joists.

2. ROBUST FOLDING LIP

Manufactured from ¼" perforated steel sheet.

3. TRACTION SPRINGS X4

Facilitate the raising and lowering of the dock, ensuring controlled movement for optimal operator safety.

4. REINFORCED HINGES

Hinges reinforced with gussets.

5. JOISTS

Platform with IPN 100 joists that guarantee the strength and durability of the dock, preventing deformation.

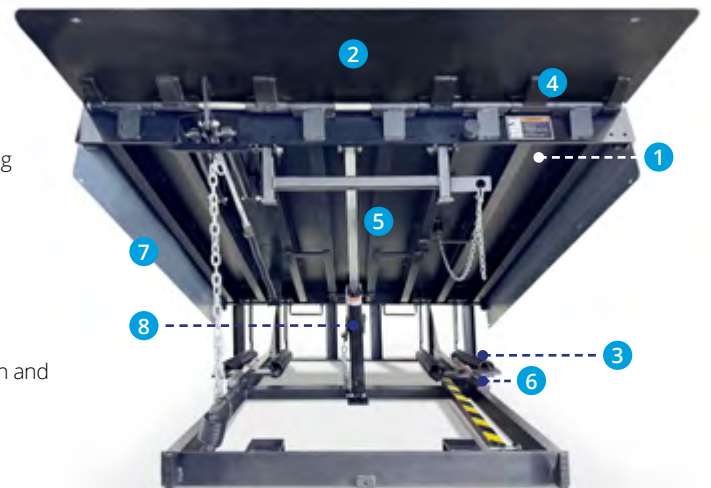
6. PNEUMATIC CYLINDERS X2

7. SIDE FOOT GUARDS

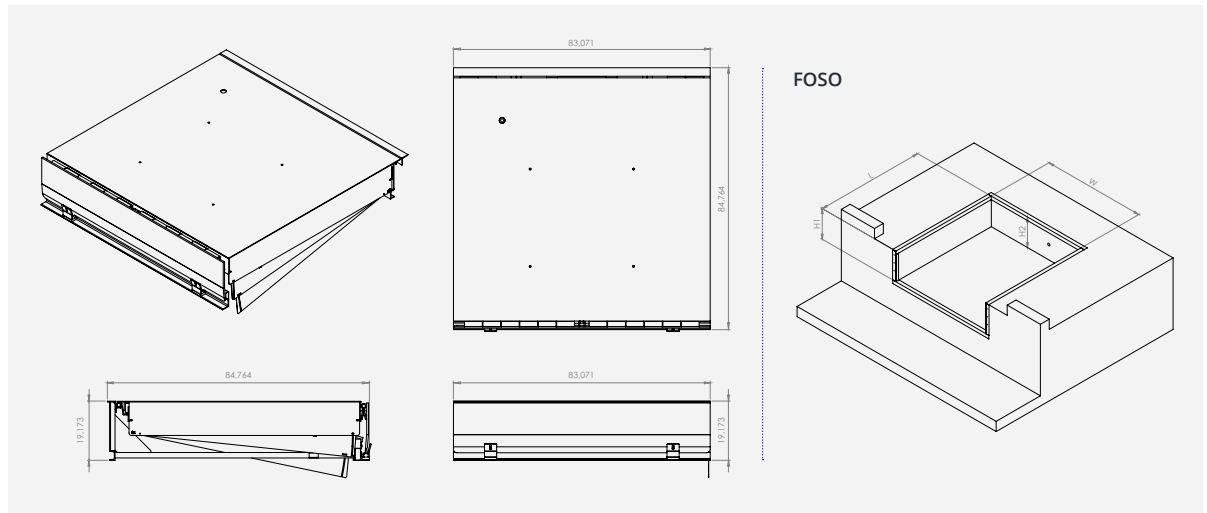
High-visibility side foot guards according to regulations (included).

8. PLATFORM LOCKING SYSTEM IN REST POSITION

Secures the leveler in the closed position, preventing unintentional movement during loading and unloading operations.

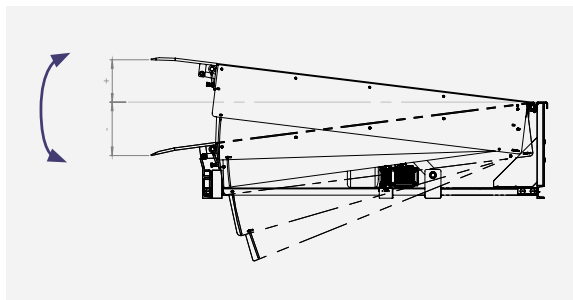


DIMENSIONS



NORMAL MODEL SIZES	PLATFORM SIZE		PIT SPECIFICATIONS			LIP
	Deck width	Total lenght	Pit width (W)	Pit lenght (L)	Pit dimensions	
1830 x 1830 mm	1830 mm	1600 mm	1880 mm	1600 mm	490 mm	406 mm
1830 x 2495 mm	1830 mm	2210 mm	1880 mm	2210 mm	490 mm	406 mm
2110 x 1830 mm	2110 mm	1600 mm	2160 mm	1600 mm	490 mm	406 mm
2110 x 2495 mm	2110 mm	2210 mm	2160 mm	2210 mm	490 mm	406 mm

RANGE

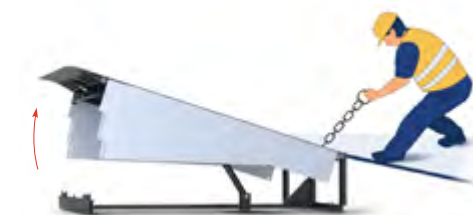


MODEL	Dimensions (According to B)	+	-
1830 x 1830 mm	1.600 mm	250	340
1830 x 2495 mm	2.210 mm	300	340

LIP OPTIONS	
400 mm	
500 mm	
Security lip	

OPERATION

Steps to use the mechanical ramp with folding lip:



- 1 Pull the ring located at the end of the platform to raise the platform.



- 2 Position the platform over the truck trailer until it's engaged.

FINISHES

STANDARD OPTION

- Zinc primer and lacquer coating:



Black RAL 9005 micro-textured



ADDITIONAL FINISH OPTIONS

- Stainless steel
- Hot-dip galvanized
- Customized RAL*:



Grey RAL 7011



Blue RAL 5010

* Other RAL colours on request

✓ **Enhanced Corrosion Protection:** A complete treatment and powder coating with oven-baked polymer paint at 200°C provides superior corrosion and weather resistance, exceeding the requirements of major European architectural finish standards for outdoor applications.

✓ **Lead-Free:** The lead-free micro-textured finish is a safe and environmentally friendly alternative, making our ramps eco-conscious.

✓ **Increased Durability:** Zinc priming provides excellent outdoor durability and color retention. It has passed numerous mechanical, chemical resistance, and robustness tests including flexibility, adhesion, indentation, impact, Buchholz hardness, and acetic salt spray, humidity chamber, sulfur dioxide, permeability, and mortar resistance tests.

✓ **Improved Operator Safety:** The micro-textured finish creates a non-slip surface, significantly enhancing loading ramp safety. It improves traction and helps prevent slips and falls, reducing the risk of injury and accidents.

ACCESSORIES

All our dock levelers can have this option.



OPTIONAL SELF-SUPPORTING STRUCTURE



DOCK WHEEL GUIDES



VEHICLE RESTRAINT



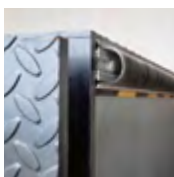
DOCK SHELTERS



TRAFFIC LIGHTS



DOCK BUMPERS



BOARD OF TIGHTNESS



SPOTLIGHTS FOR DOCKS



CHOCKS