



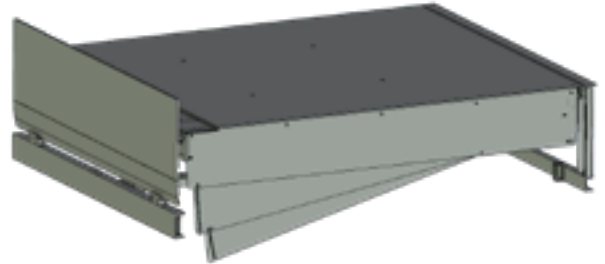
ALAPONT
GLOBAL

Loading docks

HYDRAULIC RAMP WITH SAFETY LIP

The Alapont Global hydraulic ramp with safety lip is the ideal solution for warehouses seeking to enhance safety.

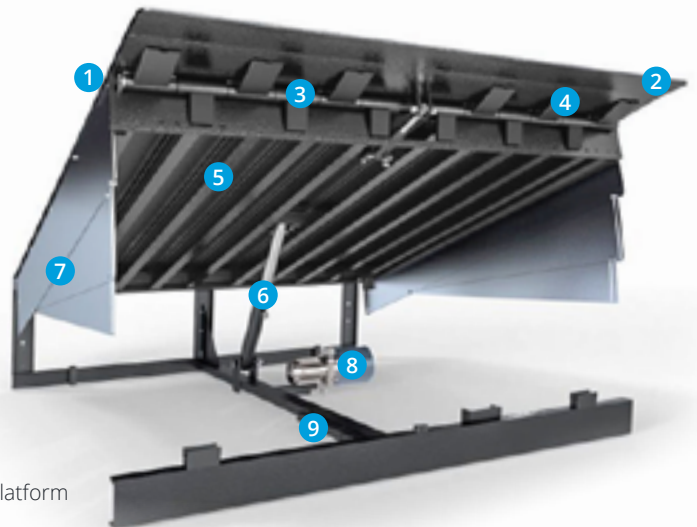
- It's characterized by its strength and security.
- It provides a fast, economical, and easy-to-maneuver solution for overcoming the height differences between the loading dock and the truck bed.
- Thanks to its retractable lip, it can reach areas inaccessible to standard ramps, providing a more secure connection to the vehicle's floor



CAPACITY	Capacity 1	Capacity 2	Capacity 3
Dynamic load capacity*	6.000 kg	15.000 kg	20.000 kg
Static load capacity*	9.000 kg	18.000 kg	25.000 kg

*All standard models can be manufactured in all load capacities. Other configuration options available on request.

COMPONENTS



1. PLATFORM

Constructed from 5/7 checkered steel plate. The platform itself uses 100 IPN beams.

2. ROBUST FOLDING LIP

Made from 13/15 checkered steel plate, a 24mm axle for 15T and a 38 mm axle for 20T.

3. FOLDING LIP CYLINDER

The cylinder that controls the movement of the hinged lip.

4. REINFORCED HINGES

Hinges with reinforcement plates for added durability.

5. BEAM

Refers to the supporting beams of the platform. Specifically mentioned are the IPN beams.

6. RAMP CYLINDER

The main hydraulic cylinder that raises and lowers the ramp.

7. SIDE GUARDS

Side guards for safety, with high visibility according to regulations.

8. HYDRAULIC UNIT

9. SAFETY MAST

A mast for safety during maintenance tasks.

CONTROL PANEL



The electrical control panel is equipped with an emergency stop button, complying with regulations. This button stops the ramp in its current position during an emergency.

The ramp maintains a constant level with the truck, facilitating loading and preventing sudden shocks during transit.

Easy maneuverability.

LIP



The lip features a front chamfer and a 5° bend for a smooth transition with the vehicle.

OPTIONS*

Full lip: 600mm (standard model)

Lip extension: 400 mm

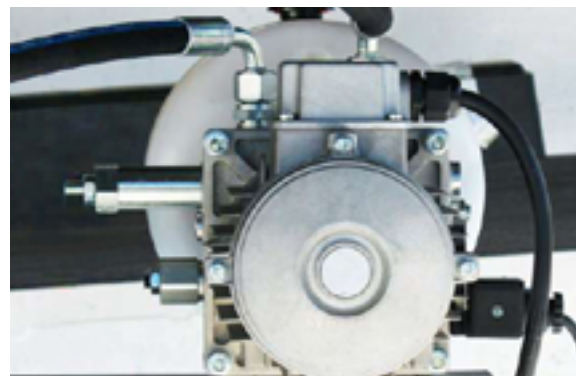
*Available Lip Types:

Chamfered: The lip tapers towards the tip (e.g., from 2000mm to 1800mm) for greater versatility with different vehicles.

DIMENSIONS (mm)	300 x 250 x 100
CONTROL VOLTAGE	24v
CONTROL BOX	✓
START-UP LIGHT	✓
ACTION CONTROL	✓
SAFETY STOP	✓
THERMAL FUSE	1.6 / 2.5 A
CONTACTOR	4 Kw
TRANSFORMER	3ph/24v
OPERATING TEMPERATURE	-20 °C a +55 °C
PROTECTION RATING	IP 55

* Customizable configuration according to the required operating sequence (ramp + door + shelter + traffic light + retainer).

HYDRAULIC UNIT



Hydraulic unit with self-leveling system.

- Lifting cylinder with a parachute valve to prevent a sudden drop of the ramp in case of a hose rupture or hydraulic solenoid failure.
- Standard placement is underneath the platform for better protection and accessibility for qualified personnel.
- The hydraulic system is completely sealed to prevent the entry of dirt, dust, or sand.

HYDRAULIC UNIT POWER	1,1 kw (1,5CV)
OPERATING PRESSURE	170 bar
FLOW RATE	2,2 cm³/s

* Options available for all ramps regardless of size.

POWER SUPPLY

POWER SUPPLY	CONSUMPTION
230V / 1ph	-
230V / 3ph	6.5A
400V / 3ph	4.6A
460V / 3ph	4.6A

* The amperage for the 230V single-phase power supply is missing from the provided data.

REGULATIONS AND CERTIFICATIONS

CE MARKING

UNE - EN 1398 - 2010



OPERATION

Steps to use the hydraulic dock leveler with folding lip:



1 Press the "Start" button on the control panel to raise the ramp. Once it reaches its maximum height, the lip will extend automatically.

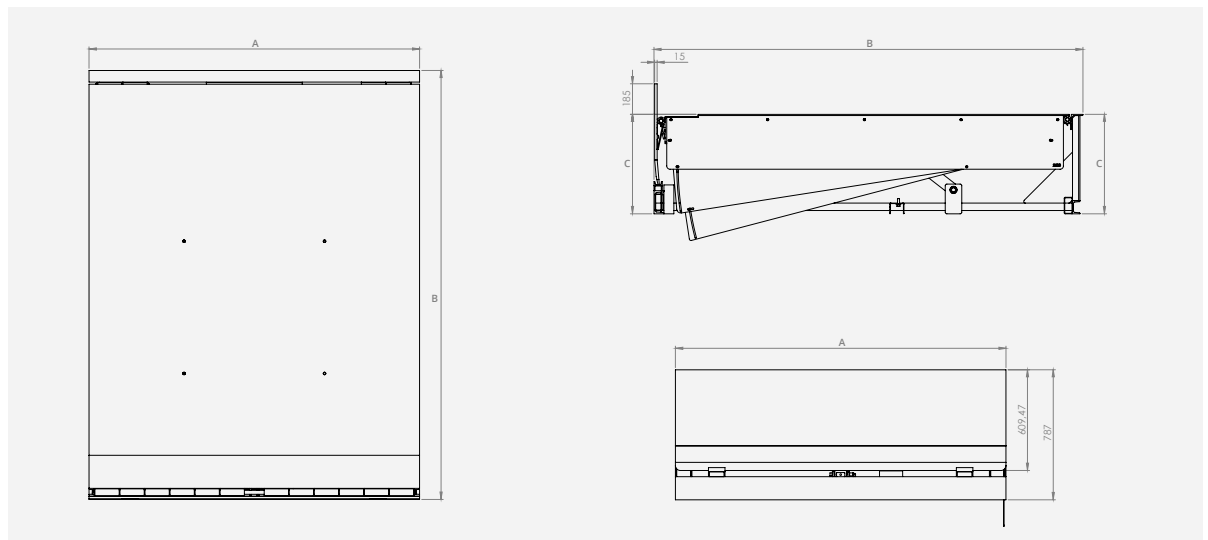


2 Once the lip is extended, release the "Start" button to begin lowering the platform. The platform will descend smoothly until the lip rests on the truck trailer.



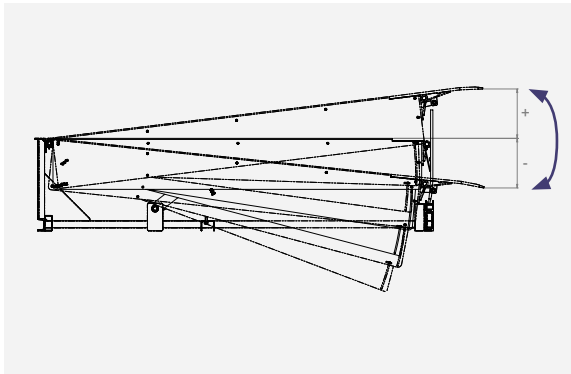
3 After loading/unloading is complete, press the "Start" button again to raise the leveling platform. This time, the lip will automatically fold. Release the button, and the ramp will return to its initial position.

DIMENSIONS



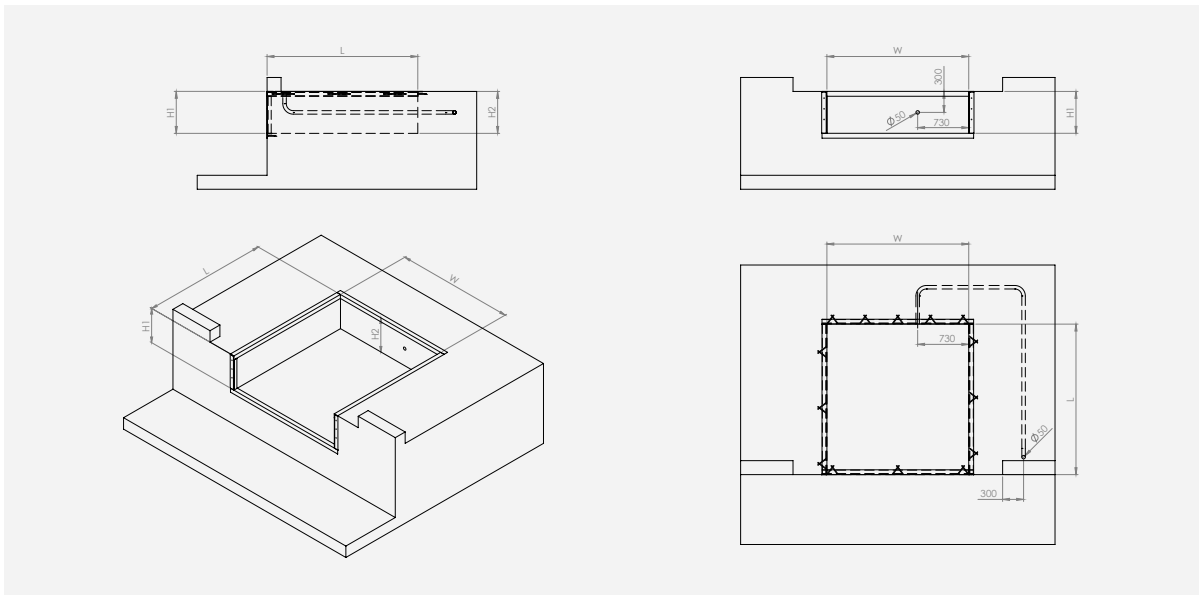
REF.	A	B	C
0101D0304000	2000 mm	2000 mm	600 mm
0101D0307000	2000 mm	2300 mm	600 mm
0101D0305000	2000 mm	2500 mm	600 mm
0101D0308000	2000 mm	2800 mm	600 mm
0101D0309000	2000 mm	3000 mm	600 mm

RANGE



RANGE	DIMENSIONS	+	-
0101D0304000	2000 mm	250	340
0101D0307000	2300 mm	280	340
0101D0305000	2500 mm	300	340
0101D0308000	2800 mm	340	340
0101D0309000	3000 mm	370	340

PIT



REF.	WIDTH (W)	LENGTH (L)	HEIGHT (H)
0101D0304000	2030 mm	2000 mm	600 mm
0101D0307000	2030 mm	2300 mm	600 mm
0101D0305000	2030 mm	2500 mm	600 mm
0101D0308000	2030 mm	2800 mm	600 mm
0101D0309000	2030 mm	3000 mm	600 mm

FINISHES

STANDARD OPTION

Lacquer coating or hot-dip galvanized



Black RAL 9005 micro-textured



ADDITIONAL FINISH OPTIONS

- Stainless steel
- 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