



ALAPONT
GLOBAL

Loading docks

HEAVY-DUTY HYDRAULIC DOCK LEVELER WITH HINGED LIP

The Alapont Global hydraulic dock leveler is the right solution for any loading dock.

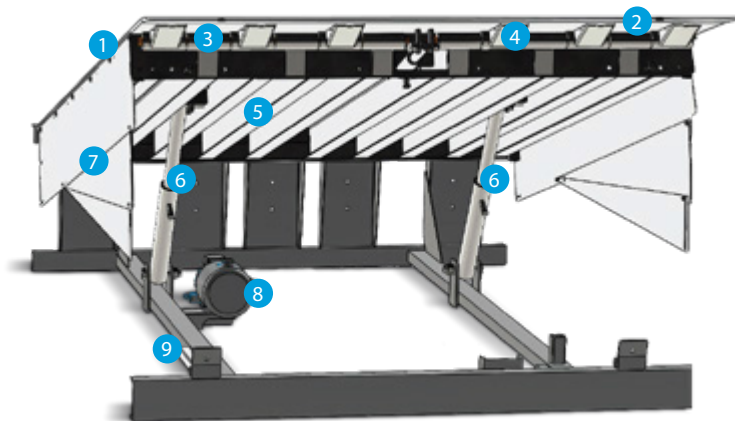
- It stands out for its strength and safety.
- Easy to operate to bridge height differences between the loading dock and the truck bed.
- Equipped with a hinged lip that allows perfect adaptation of the lip to the truck.
- Resistant to temperatures from -20 °C to 50 °C.
- Optional self-supporting structure.
- Available for custom manufacturing.



Dynamic load capacity*	Static load capacity*	Pit	IPN beams	Platform plate	Cylinders
15.000 kg	18.000 kg	600	140	5/7	Hasta 2.500 de largo: 1 >2.500: 2
20.000 kg	25.000 kg	700	160	10/12	2

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

COMPONENTS



1. PLATFORM

Manufactured from tear-pattern steel plate. Its base includes 10 beams.

2. ROBUST HINGED LIP

Manufactured from 13/15 tear-pattern steel plate with a 24 mm shaft.

3. HINGED LIP CYLINDER

Ensures full control of the lip movement with complete safety and firmness.

4. REINFORCED HINGES

Reinforced hinges with gussets guarantee maximum strength.

5. BEAM

Platform with beams that ensure the strength and durability of the dock,

6. DOCK LEVELER

Equipped with emergency safety valves, ensuring balanced and safe operation.

7. SIDE FOOT GUARDS

High-visibility side foot guards according to regulations.

8. HYDRAULIC POWER

9. SAFETY MAINTENANCE PROP

Safety prop for maintenance tasks.

CONTROL PANEL



Electrical control panel equipped with an emergency stop mushroom push button in accordance with regulations, which stops the

Constant leveling of the dock leveler on the truck, facilitating loading and preventing sudden impacts during traffic. Easy operation.

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

* Customizable configuration according to the sequence required for the operation: dock leveler + door + dock shelter + traffic light + vehicle restraint.

HINGED LIP



Lip with milling and a 5° bend that enables a smooth transition with the vehicle.

The standard model has a 400 mm projecting hinged lip, allowing it to bridge the distance and height between loading docks and vehicle beds, resting firmly on them.

OPTIONS*

400mm (standard model)

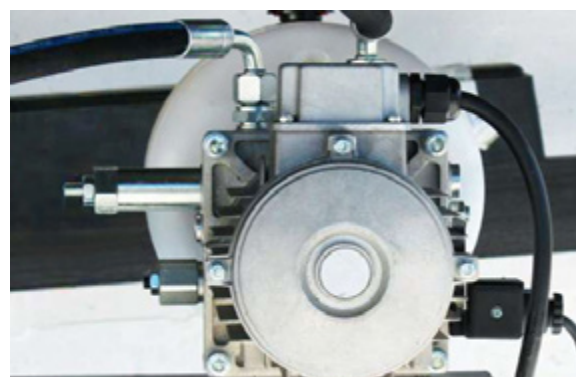
500mm

*Available lip type options:

Chamfered: The lip narrows towards the tip, for example from 2,000 mm to 1,800 mm, providing the dock leveler with greater versatility for the vehicle being used.

With tabs / segmented lip: The lip is divided into several sections to adapt to the width of the different vehicles being used.

HYDRAULIC POWER



Hydraulic power unit with self-leveling system.

- Lifting cylinder with safety valve to prevent the dock leveler from lowering abruptly in the event of hose breakage or hydraulic solenoid failure.
- As standard, it is located under the platform to be better protected and accessible if qualified personnel need to service it.
- The hydraulic system is completely sealed to prevent dirt, dust or sand from entering.

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

* Same for all dock levelers, regardless of size.

POWER SUPPLY

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

STANDARDS AND CERTIFICATION

CE MARKING

UNE-EN1398:2010 UNE-EN-
IEC61000-6-2:2019 UNE-EN-
IEC61000-6-4:2019 UNE-EN
60204-1:2019

LOW VOLTAGE DIRECTIVE 2014/35/UE

ELECTROMAGNETIC COMPATIBILITY DIRECTIVE 2014/30/UE

OPERATION

Steps for using the hydraulic dock leveler with hinged lip:



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

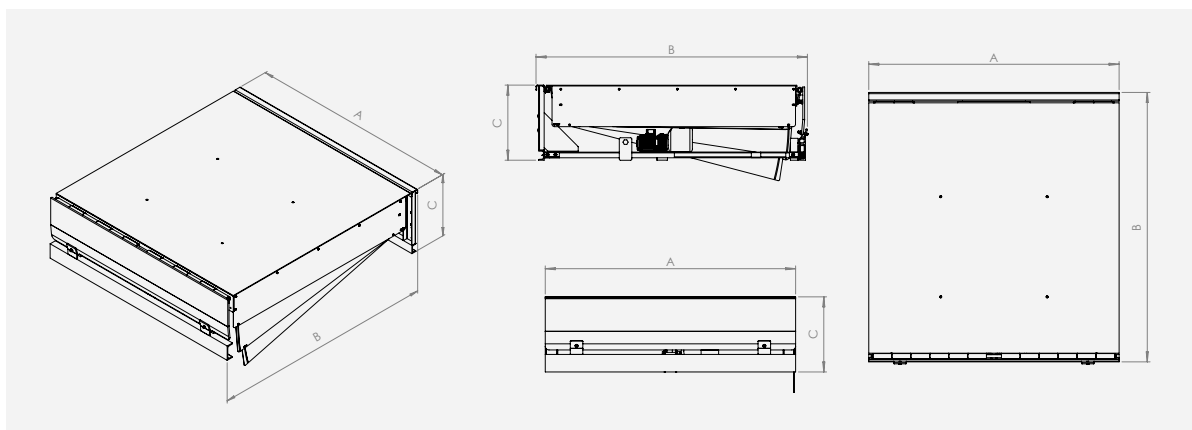


2 Once the lip has extended, release the "Start" button to begin lowering the platform. The platform will lower smoothly until the lip rests on the truck trailer.



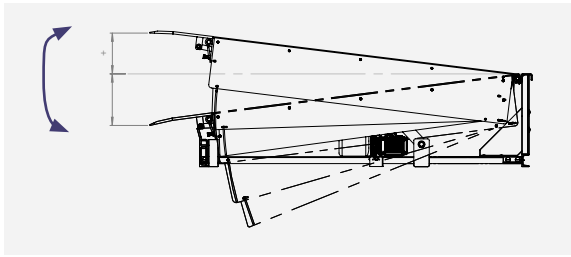
3 After loading/unloading is complete, press the "Start" button again to raise the dock leveler platform. This time, the lip will fold automatically. Release the button and the dock leveler will return to its initial position.

DIMENSIONS



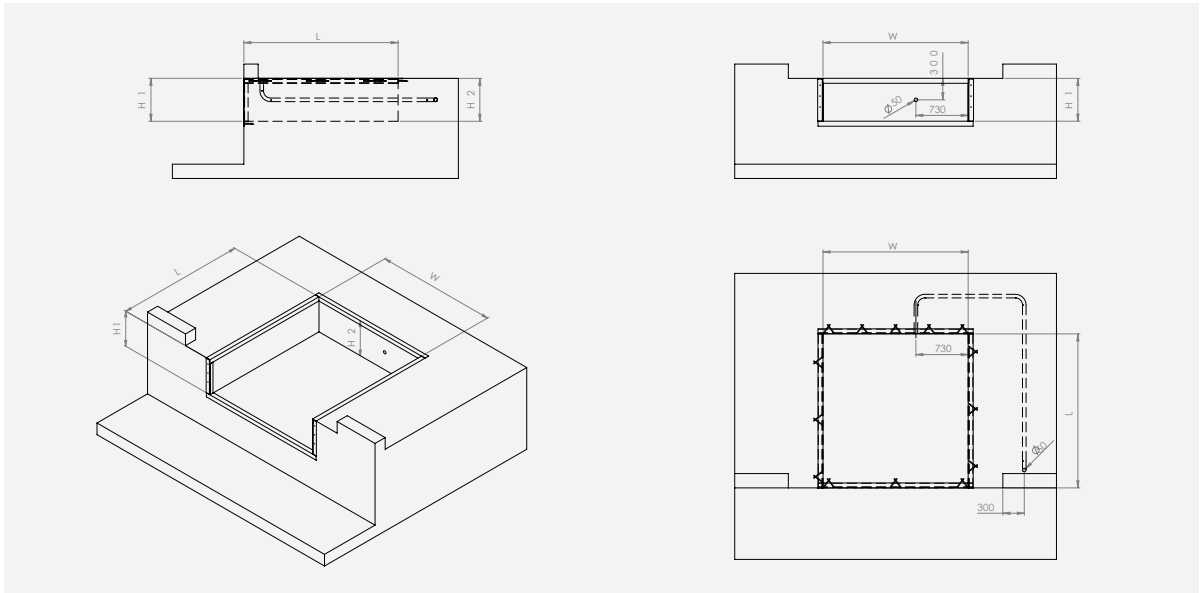
CAPACITY	REF.	A	B	C
15T	0105A0304000	2000 mm	2000 mm	600 mm
15T	0105A0307000	2000 mm	2300 mm	600 mm
15T	0105A0305000	2000 mm	2500 mm	600 mm
15T	0105A0308000	2000 mm	2800 mm	600 mm
15T	0105A0309000	2000 mm	3000 mm	600 mm
20T	0104A0304000	2000 mm	2000 mm	700 mm
20T	0104A0307000	2000 mm	2300 mm	700 mm
20T	0104A0305000	2000 mm	2500 mm	700 mm
20T	0104A0308000	2000 mm	2800 mm	700 mm
20T	0104A0309000	2000 mm	3000 mm	700 mm

RANGE



REF.	DIMENSIONS (according to B)	+	-
0101A0304000	2000 mm	250	340
0101A0307000	2300 mm	280	340
0101A0305000	2500 mm	300	340
0101A0308000	2800 mm	340	340
0101A0309000	3000 mm	370	340

PIT



CAPACITY	REF.	WIDTH (W)	LENGTH (L)	HEIGHT (H)
15T	0105A0304000	2030 mm	2000 mm	600 mm
15T	0105A0307000	2030 mm	2300 mm	600 mm
15T	0105A0305000	2030 mm	2500 mm	600 mm
15T	0105A0308000	2030 mm	2800 mm	600 mm
15T	0105A0309000	2030 mm	3000 mm	600 mm
20T	0104A0304000	2030 mm	2000 mm	700 mm
20T	0104A0307000	2030 mm	2300 mm	700 mm
20T	0104A0305000	2030 mm	2500 mm	700 mm
20T	0104A0308000	2030 mm	2800 mm	700 mm
20T	0104A0309000	2030 mm	3000 mm	700 mm

FINISH

STANDARD OPTION

- Zinc primer and coating



Black RAL 9005 micro-textured

MORE FINISH OPTIONS

- Stainless steel
- Hot-dip galvanizing
- Any RAL color



Grey RAL 7011



Blue RAL 5010

* Consult other RAL colors.

✔ **Greater corrosion protection:** Treatment applied to the entire structure and powder-coated with oven-polymerized paint at 200 °C. Suitable for outdoor applications thanks to its resistance to corrosion and weathering, exceeding the requirements of the main.

European standards for architectural finishes.

✔ **Lead-free:** The lead-free micro-textured finish is a safe and eco-friendly alternative, making our dock levelers environmentally friendly.

✔ **Greater durability:** Zinc primer is a pre-treatment applied to the parts of our dock levelers, offering excellent outdoor durability and color retention. It has passed several mechanical, chemical resistance and robustness tests, such as flexibility, adhesion, cupping, impact, Buchholz hardness, acetic salt spray testing, humidity chamber testing, sulfur dioxide testing, permeability and mortar resistance.

✔ **Greater operator safety:** The micro-textured finish creates a non-slip surface. This is an effective way to improve loading dock safety. It improves traction and helps prevent slips and falls, reducing the risk of injuries and accidents.

ACCESSORIES

All our dock levelers can include this option.



OPTIONAL SELF-SUPPORTING STRUCTURE



GUIDES



VEHICLE RESTRAINTS



DOCK SHELTERS



TRAFFIC LIGHTS



PROTECTION BUMPERS



DOCK LEVELER SEALING GASKET



LED LIGHT FOR LOADING AREA



WHEEL CHOCKS