

Hydraulic dock leveller

The Alapont standard hydraulic dock leveller is the solution that is **suitable for any loading dock**. It is characterised by its strength and safety. It's the fast, economical and easy way to manoeuvre in order to overcome the differences in level between the loading dock and the truck bed.

It has a **hinged lip** that allows the lip to adapt perfectly to the truck.



Static load capacity	9.000 kg
Dinamic load capacity	6.000 kg
Power supply	400V three-phase
Consumption	2A
Hydraulic group power	1,1 kw (1,5 CV)
Service pressure	170bar
Flow	2,2cm 3/s
Colour	Standard: black RAL 9005 Possibility galvanized

Technical description

- ✓ **The platform** is manufactured in 5/7 diamond plate with a lifting cylinder and a cylinder for the folding lip, which is manufactured of 13/15 diamond plate with a 400 mm overhang.
- ✓ **Full rustproofing** and powder-sprayed with polymerised paint baked-on at 200°C.
- ✓ **Hydraulic motor** unit with a 1.1 Kw (1.5 CV) – 400 three-phase engine, with a self-levelling system.
- ✓ **Lifting cylinder** with a non-return valve to avoid the dock falling abruptly.
- ✓ **Resistant** to temperatures from -20°C to 50°C.
- ✓ **Water-resistant electrical control** panel IP55 fitted with an emergency stop button.

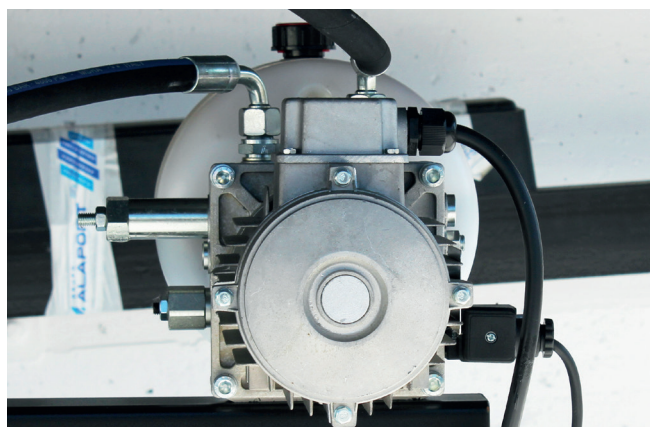
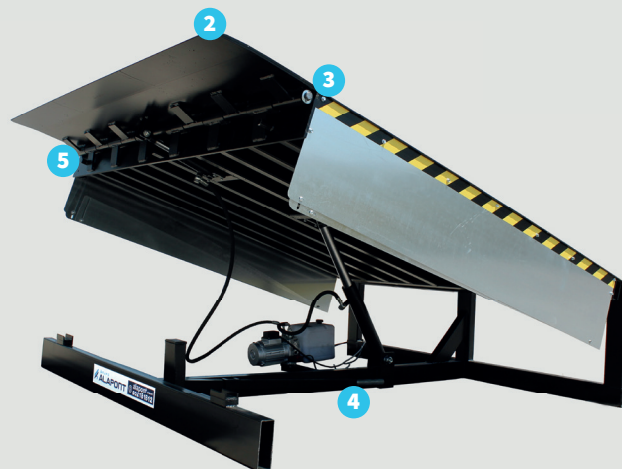
Control panel functions



Control system	24V
Box	Yes
Power light	Yes
Stop button	Yes
Start control	Yes
Thermal	1.6/2.5 A
Contactor	4 Kw
Transformer	1ª
Temperature	-20°C a +55°C
Index of protection	IP55
Dimensions	300 x 250 x 100 mm

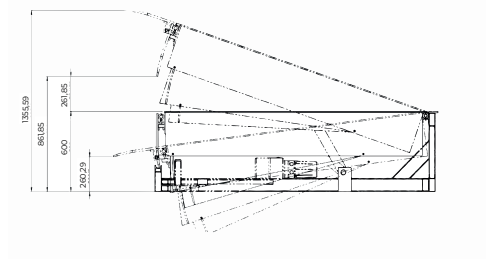
Components

- 1 Sturdy folding lip** hinge reinforced with gussets and 24-mm shaft.
- 2 Platform with 10 structural tubes** that guarantee the dock leveller's resistance and durability, avoiding deformations.
- 3 Cylinder for the folding lip.** This guarantees control of the lip movement with total safety and firmness.
- 4 Reliable safe operation.** Cylinder equipped with an emergency non-return valve to ensure safe and balanced operation.
- 5 Reinforced hinges.** Hinges reinforced with gussets.

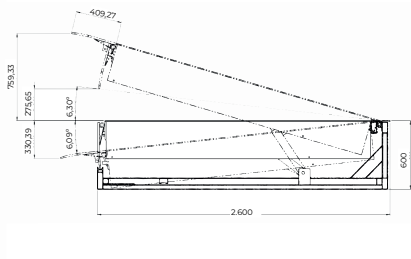


Hydraulic dock leveller plan

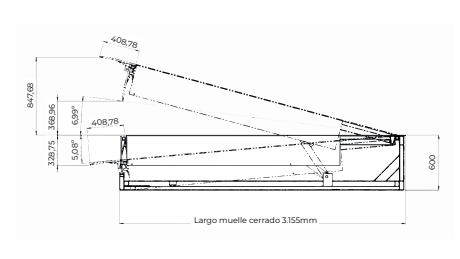
2.000 x 2.155 mm dock



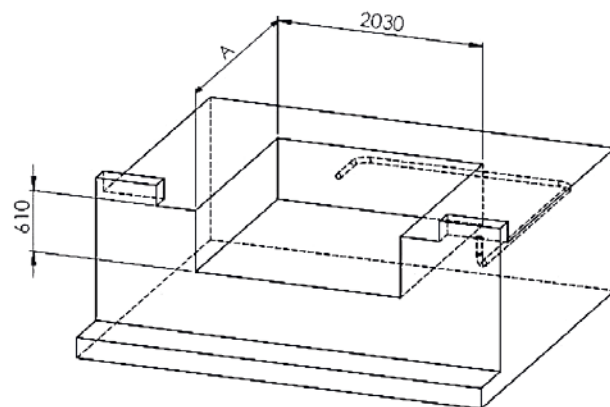
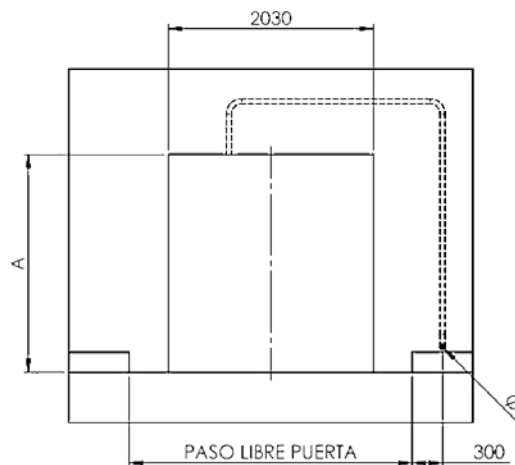
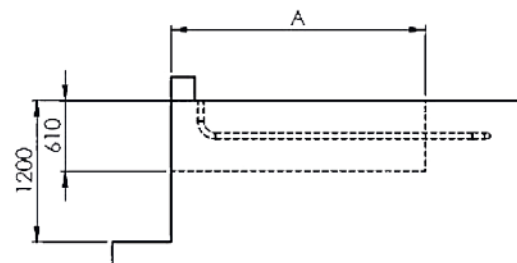
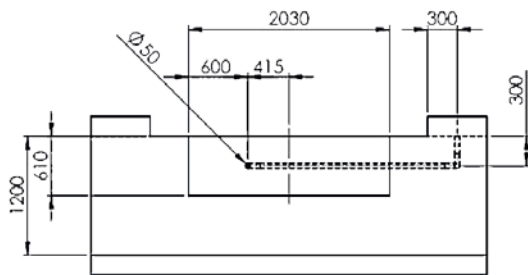
2.000 x 2.500 mm dock



2.000 x 3.155 mm dock



Pit dimensions



Dimensions (mm)

Dock levellerP

it

Width x length	Width (W)	Lenght (L)	Height (H)
2.000 x 2.155	2.030	2.155	605
2.000 x 2.300	2.030	2.300	605
2.000 x 2.500	2.030	2.500	605
2.000 x 2.800	2.030	2.800	605
2.000 x 3.155	2.030	3.155	605