

Solutions for loading
and unloading

Hydraulic dock leveller



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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.



Load capacity	Up to 30000lbs, 40000lbs, and 50000lbs
Power supply	115 V/1ph/ 60 Hz
Consumption	2A
Hydraulic group power	1,1 kw (1,5 CV)
Colour	Standard: GREY RAL 7011 . Possibility galvanized

All this options can be customized.

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 392 °F .
- ✓ **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 -4 °F and 122 °F.
- ✓ **Water-resistant electrical control** panel IP55 fitted with an emergency stop button.



Control panel functions

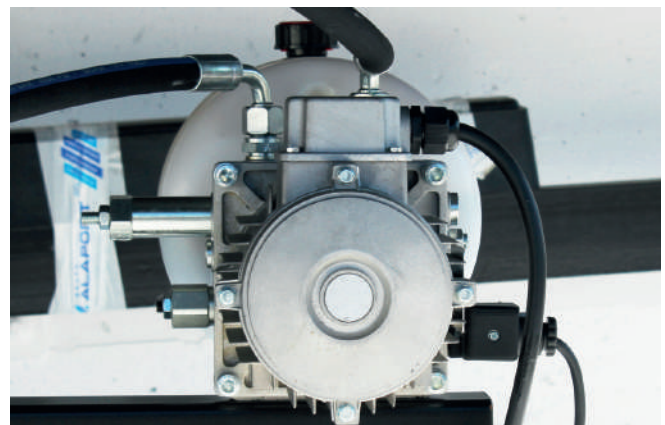


All electrical components, connections and wiring on controller are **UL listed**.

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	-4 °F to +131 °F
Index of protection	IP55
Dimensions	12 " x 10" x 4"

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.



Standard References

*Finishes options: painted and galvanized

Nominal Model Sizes	Platform Size				Pit specifications			
	Deck width		Total length*		Pit width(W)		Pit length (L)	
ft	in	mm	in	mm	in	mm	in	mm
6' x 6'	72"	1830	74"	1890	73"	1860	61"	1555
6' x 8'	72"	1830	98"	2495	73"	1860	85"	2155
6' x 10'	72"	1830	124"	3140	73"	1860	110"	2800
6' x 12'	72"	1830	147"	3725	73"	1860	134"	3390
7' x 6'	84"	2130	74"	1890	85"	2160	61"	1555
7' x 8'	84"	2130	98"	2495	85"	2160	85"	2155
7' x 10'	84"	2130	124"	3140	85"	2160	110"	2800
7' x 12'	84"	2130	147"	3725	85"	2160	134"	3390

Pit dimensions		
Standard pit depth	Pit to Deck Width	Pit to Deck Length
Front 20" (508mm) / Rear 19.5" 495mm)	$W \text{ (pit)} = W \text{ (deck)} + 1" \text{ (25,4mm)}$	$L \text{ (pit)} = L \text{ (deck)}$



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