INFO *DOCK LEVELLER WITH SWINGING LIP*

Dock leveller with swinging lip with electro - hydraulic operation. Studied for back loading of truck. Designed and produced according to EN 1398 - Version UR-S (for application on counterframe)

TECHNICAL DETAILS

· Structure consisting of a self-supporting frame in electro-welded steel, to be embedded in a special pit.
· Tilting lip in 120/10 thick steel, hinged to the floor, whole or divided into 3 elements, two of which can be folded down manually to adapt the width to that of the vehicle. The length of the lip and any segments is 400 mm.
· Upper platform in embossed steel sheet sp. 60/10, non-slip, reinforced, in the underlying part, by 6 OMEGA, welded, in cold bent steel, 3 mm thick and dimensions 180 x 120 mm and by a central "C" shaped steel press-formed 230x120x3 mm. of thickness. These OMEGA profiles, combined with the upper sheet, create a tubular type structure capable of guaranteeing exceptional qualities of strength and lateral flexibility.
The distance between the vertical elements of the OMEGAS is never more than 200 mm., In order to ensure that at least one of these is always gripped under the wheel of the forklift when passing on the platform of the ramp, then avoiding possible deformations of the sheet metal of the platform.
· Anti-shearing safety side rails, hinged to the floor
· Side signs colored in yellow / black stripes indicating the movement of the ramp.
Epoxy powder painting, Ral 5010 Blue color, highly resistant, after pickling and phosphating of the materials
· 450 x 100 x 100 solid rubber bumpers, welded to the ramp frame
· Operation of the ramp by means of two hydraulic cylinders: one with single effect for the excursion of the platform and one with double effect for the rotation of the lip.
Hydraulic unit positioned under the loading platform, with the following characteristics:
- power: 0.75 Kw
- rated voltage: 400V, 50 Hz
- absorption: 400 V - 1.8 A
- rpm: 2800 rpm.
- cos ϕ: 0.84
· Control panel with disconnector, warning light and a single button that controls the raising and lowering of the platform.
· Control panel protection degree IP 54
· Panel and control unit connection cable supplied, length mt. 10 24 V low voltage controls.
· Positioned in an open pit, the ramp allows for easy access to the bottom for maintenance operations and the possibility of housing the tail lift of the truck.
· Capacity Kg. 6000 - in compliance with EN 1398

SAFETY

In case of accidental lack of support of the ramp caused, for example, by the sudden departure of the vehicle from the dock, safety is guaranteed by a hydraulic block (parachute valve) which stops the descent of the platform in the presence of a load exceeding 300 kg . and / or in case of breakage of the central piston supply hydraulic pipe
· Safety device for inspection and / or maintenance operations under the ramp by means of a platform support rod.
· Anti-shearing side rails 25 mm free. in the closed position, between the lip and the front beam
Designed and built in compliance with current regulations: CE Mark (Machinery Directive), European Standard EN 1398

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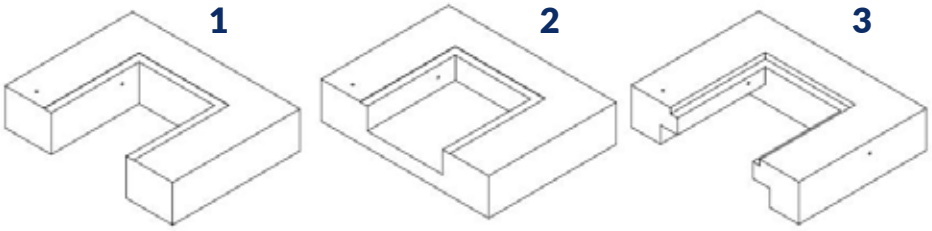
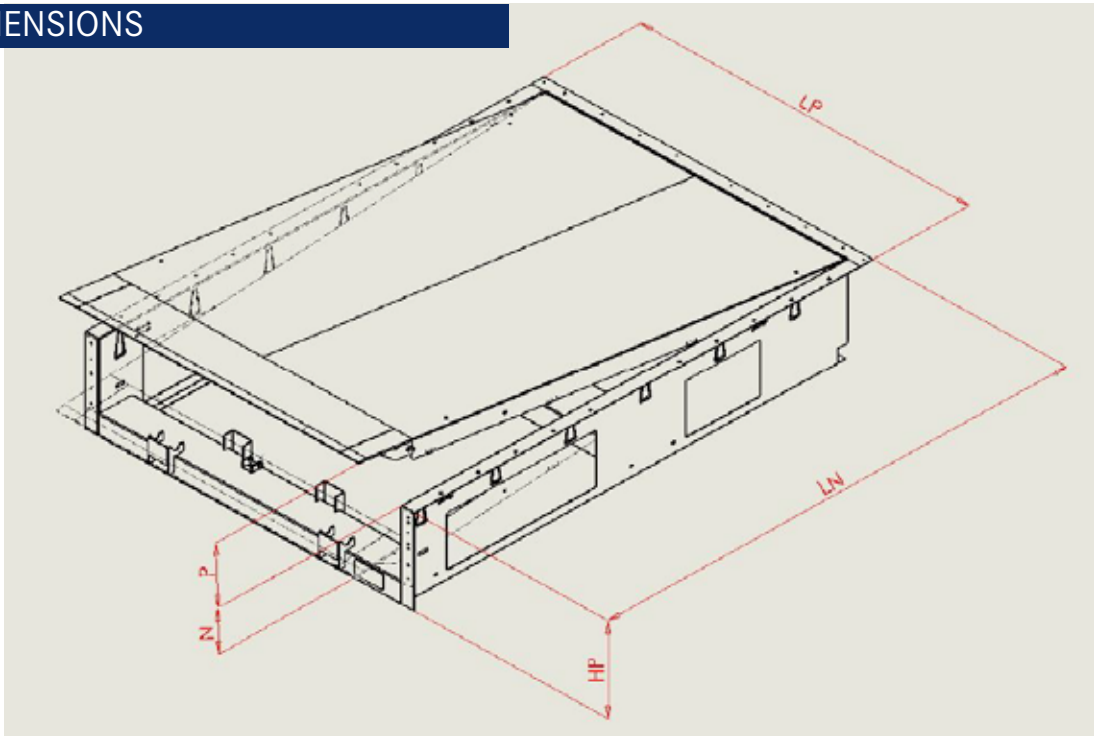
PIT TYPES

1 : Open pit
2 : Closed pit
3 : Pit for truck with tail lift



DIMENSIONS



Platform widht for dock leveller available: 1750 - 2000 - 2200
Widht of lateral flap (Optional) each. 240 mm per L 2200 e cad 120 per L 2000 mm

PEDANE RAGGIO	BR 22x30	BR 22x25	BR 22x20	BR 20x30	BR 20x25	BR 20x20	BR 17,5x30	BR 17,5x25	BR 17,5x20
Lunghezza Pedana (LN)	3069	2569	2069	3069	2569	2069	3069	2569	2069
Larghezza Pedana (LP)	2398	2398	2398	2198	2198	2198	1948	1948	1948
Altezza Pedana (HP)	600	600	600	600	600	600	600	600	600
Escursione positiva (P)	375	315	253	375	315	253	375	315	253
Escursione negativa (N)	330	330	330	330	330	330	330	330	330
PESI	**1010**	**890**	**765**	**1000**	**855**	**710**	**810**	**735**	**610**

All dimensions are in mms

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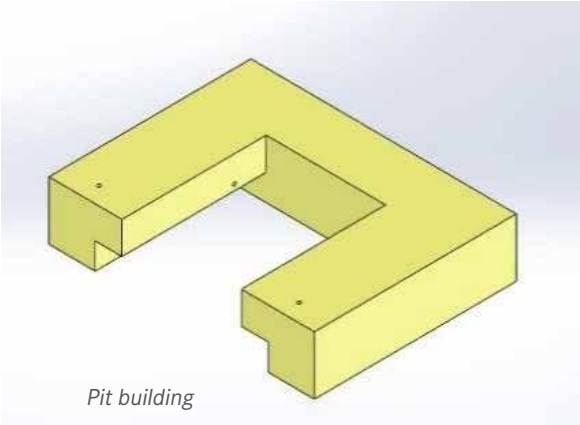
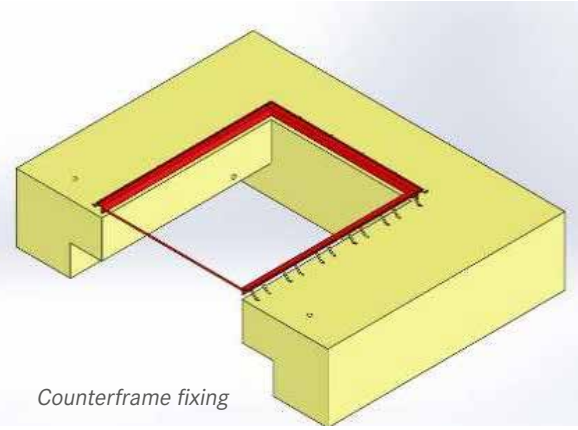
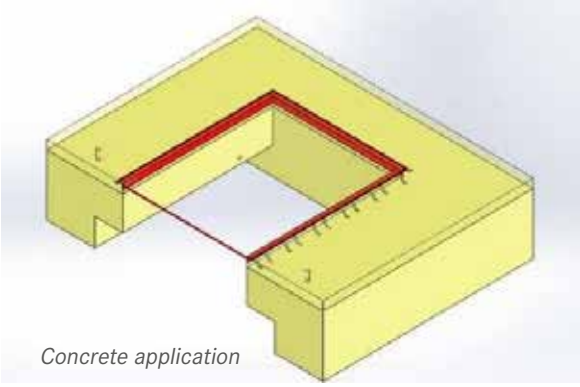


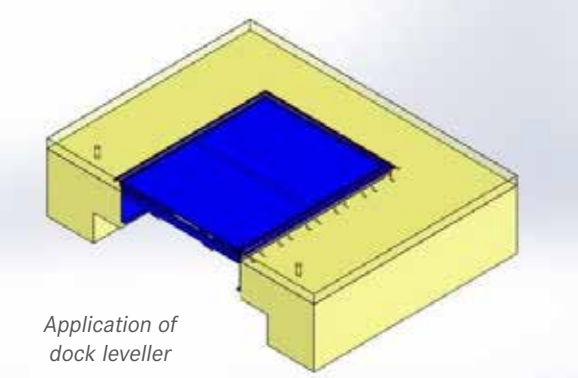
Pit building



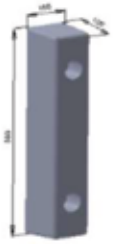
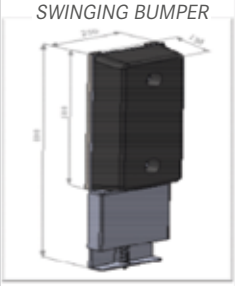
Counterframe fixing

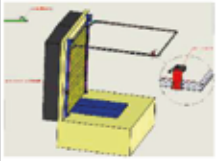


Concrete application



Application of dock leveller

BUMPER STD	BUMPER LONG	BUMPER JUMBO	SWINGING BUMPER	LOAD LIGHTS
				
maggiorato corto 450x100x100	maggiorato lungo 500x100x100	jumbo 500x250x100	jumbo oscillante 500x250x100	TRAFFIC LIGHT MANAGEMENT

LATERAL FLAP	WHEELS GUIDE	LOAD LIGHT	KIT INTELOCK	WEDGE FOR TRUCK
			 CONNECTION SECTIONAL DOOR - DOCK LEVELLER	

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