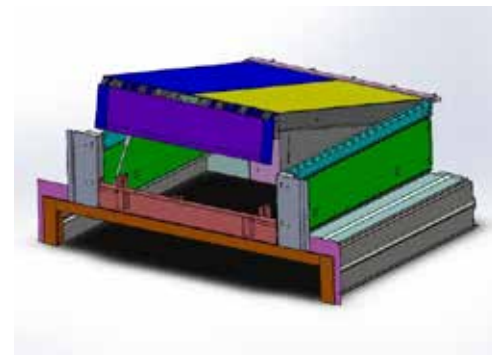


INFO
SWINGING LIP INSIDE FORMORK

The URC model is a swinging lip dock leveller made up of a formwork, which is drowned in concrete and a platform with a lip controlled by an hydraulic pump.

- The formworks are easy to assemble and install.
- The formworks must be positioned on a reinforced slab of a suitable height to reach the wharf level desired in the project. Normally the height of the formwork is about 1000 mm
- They can be connected together to form a single quay front.
- They are supplied in size to accommodate dock levelers of the required size.


TECHNICAL DETAIL

The formwork consists of:

- Front structure in tubular metal (150x100x6) complete with steel support to insert standard or oversized bumpers
- Rear panel in 15/10 sheet metal. The panel has an integrated beam (in 60/10 mm thick sheet metal) on which the ramp platform will be hinged.
- Upper "C" shaped side panels in 30/10 galvanized sheet metal with brackets.
- Series of SENDZIMIR sheet metal formwork panels (thickness 15/10) with reinforcing folds to increase and ensure adhesion to concrete. They can also be used as docking elements to bond a series of adjacent formworks.

- Diagonals and props to ensure squared mounting of the formwork. The floor with the lip are made up of:

- 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. (Flap width each. 240mm for length 2200 e 120mm for length 2000 mm)

- Upper platform in embossed steel sheet sp. 60/10, non-slip, reinforced, on the underside, by 6 OMEGAs, welded, in cold-bent steel, 3 mm thick and 180 x 120 mm in size and by a central "C" -shaped steel bent, central, 230x120x3 mm thick. 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, thus avoiding possible deformations of the sheet metal.

- 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
- Control panel protection degree IP 54
- Operation of the ramp by means of three hydraulic cylinders: two 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 disconnecter, warning light and a single button that controls the raising and lowering of the platform.
- Control panel protection degree IP 540.84
- Panel connection cable and to the control unit supplied, length mt. 10
- Low voltage 24 V controls.
- Capacity Kg. 6000 - in compliance with EN 1398

SAFETY

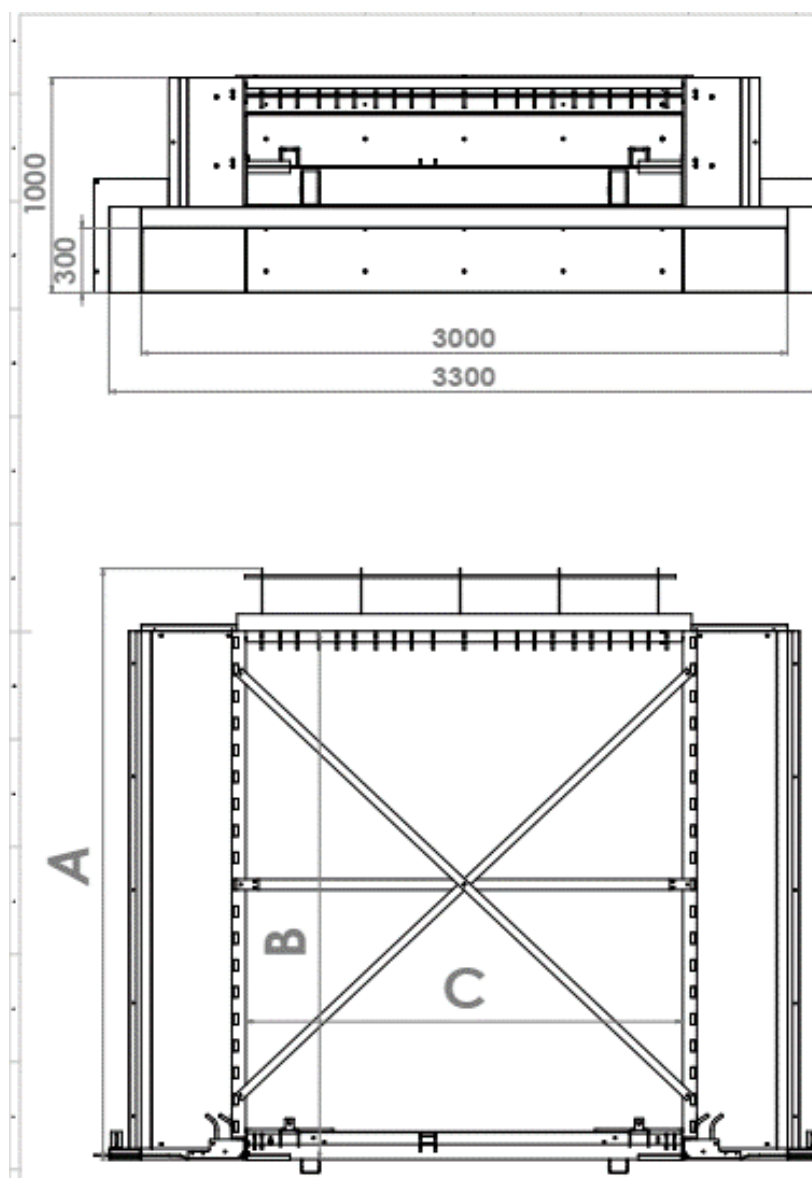
- In case of accidental lack of support of the ramp caused, for example, by the sudden departure of the vehicle from the dock, safety is guaranteed by a hydraulic block (parachute valve) which stops the descent of the platform in the presence of a load exceeding 300 kg . and / or in case of breakage 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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DIMENSIONS



Flap width each. 240mm for length 2200 e 120mm for length 2000 mm

Formwork total length A

Formwork length B

Formwork width

Formwork height

<i>PEDANE RAGGIO</i>	BR 22x30	BR 22x25	BR 20x30	BR 20x25
Lunghezza totale Cassero (A)	3246	2746	3246	2746
Lunghezza Cassero (B)	2955	2455	2955	2455
Larghezza Cassero (C)	2230	2230	2030	2030
Altezza Cassero (HP)	1000	1000	1000	1000

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