

# L100

MECHANICAL DOCK LEVELLER  
WITH HINGED LIP

## Product characteristics

- simple user friendly operation
- different installation methods
- 60 kN dynamic load capacity
- robust impact protection

# L100

The mechanical dock leveller with hinged lip L100 is mounted against the loading bay and is user friendly and straight forward to operate. Thanks to its compact construction design, it caters for loading operations even in the restricted spaces. Due to its load capacity of 60 kN, the L100 can also be driven over by fork-lift trucks.

## Structure

The L100 consists in the following units:

- a self-supporting framework
- a platform on the front side of which the hinged lip is located - platform and hinged lip are connected to each other via a hinge system
- Operating rod with ergonomic handle

## Material

The framework construction is made of steel profiles and metal sheets. The beam-reinforced platform and the hinged lip have an anti-slip surface made of tear plates.

## Surface

All steel construction parts are painted in RAL 5010 (gentian blue), RAL 7016 (charcoal grey) or RAL 9005 (black). To ensure an optimal corrosion protection, all steel parts are first sandblasted and then coated with two-component paint.

## Operation

The L100 is operated via the operating rod included as standard. A gas cylinder makes it possible to unfold the hinged lip silently.

## Safety devices

- Foot guards
- Due to the twisting of the platform, the hinged lip is lying flat on the vehicle bed even if the load is single-sided. This ensures that no steps or tripping hazards are formed.

## Technical data

Nominal load according to EN 1398 .....	60 kN
Nominal length .....	1750, 2000, 2200 mm
Nominal widths.....	400 mm
Hinged lip length.....	300 mm
Size of bumper case W X D X H (without bumper).....	265 x 485 x 585 mm

Construction characteristics	platform material thickness.....	4/6 mm
	hinged lip material thickness.....	12/14 mm

Operational range	above dock.....	100 mm
	below dock.....	100 mm

The maximum incline permissible according to EN 1398 is 12.5 %.

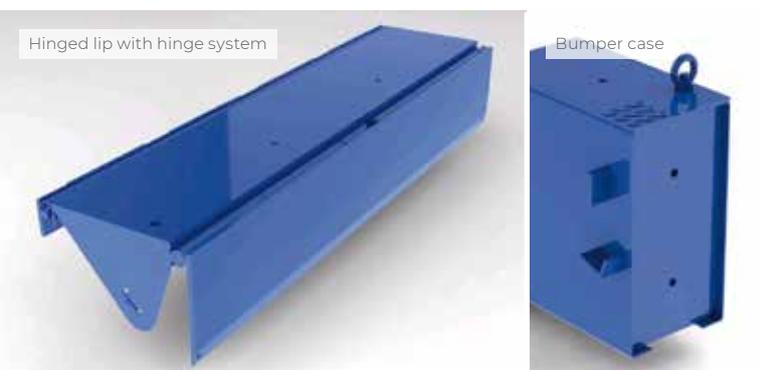
## Work needed in preparation for the installation

This depends on the preferred installation method. Please request our pit drawings.

Note: In case you combine the L100 with a shelter, the nominal depth of the shelter should be 900 mm.

## Options/Accessories

- different installation methods (frame types)
- hot-dip galvanized
- painting in RAL colours at customer's option
- large selection of rubber and plastic impact bumpers
- further dimensions and load capacities available on request
- holding device for operating rod



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