



# NovoDock L 300

## Hinged Lip Dock Leveller

### Characteristics

- Two lift cylinders and one lip cylinder
- Lead-free control box (RoHS compliant)
- CE - Marking
- Complies with the European EN 1398 standard



# NovoDock L300

Hydraulic levellers provide a safe and user friendly bridge between the Loading Bay and the vehicle. With the almost flush joint between the Deck and the Lip you can load or unload goods safely and efficiently.

## Structure

Characteristics for the NovoDock L300 are:

- Self-supporting frame
- Main Deck with hinged lip at the front
- Hydraulic system to move main deck and hinged lip separately
- Control box

## Material

The construction of the main frame consists of steel sections and sheets. The main deck and the hinged lip are produced out of tear plate and supported by beams.

## Surface

All parts of the steel construction are painted in RAL 5010 (gentian blue), 7016 (anthracite grey) or 9005 (black).

To ensure optimum corrosion control, all steel parts are first sandblasted and then painted with two component coating.

## Hydraulic operator

By use of a low pressure hydraulic system the two lift cylinders and the lip cylinder operate independently from each other.

## Control box and operating

For the operation of the Leveller a standard control box is included. A switch for the interlocking of a door to the Leveller is available as an optional extra. In this case the Leveller can only be operated when the door is fully open. All elements of the control box are RoHS compliant (lead-free). The degree of protection is IP65.

## Operating elements of the control box

- One button with function - Elevate Main Deck
- One button with function - Operate hinged Lip
- One lockable Isolator - For maintenance / service purposes

## Safety appliances

- Operational emergency stop
- All movements are stopped in case of power failure
- After a power failure the control box has to be reset first before normal operation can be restored
- Due to the flexing capability of the main deck the flat position of the lip is ensured even the deck is unilaterally loaded. The formation of Steps are avoided.
- Lateral yellow / black security marking
- Maintenance Strut for maintenance access

## Technical data

Nominal load acc. EN1398 .....	60 KN
Nominal length .....	2000, 2500, 3000, 3500, 4000 und 4500 mm
Nominal width.....	1750, 2000, 2250 mm
Leveller height .....	600 and 700 mm (up to 3000 mm length) 800 mm (3500 mm length) 900 mm (from 4000 mm length)

Lip Length .....	400 mm
Power Supply .....	3 N~ 400 V/50 Hz/ 16 A
Protection.....	IP65
Max Loading.....	max. 0,75 kW

Construction characteristics	Main Deck tear plate .....	6/8 mm
	Hinged lip tear plate .....	12/14 mm

## Operation Range Possibilities

Leveller hinged lip	lengths of 400 mm and 500 mm (BH 700)			
	Above dock		below dock	
1750 BH 700	250	380	130	370
2000 BH 700 (600)	290 (250)	340 (290)	190	360
2500 BH 700 (600)	360 (310)	330 (270)	270	340
3000 BH 800 (600)	430 (360)	330 (270)	320	330
3500 BH 800	520	350	410	360
4000 BH 900	570	350	450	360
4500 BH 900	620	350	360	510

According to EN1398 the Dock Leveller is not allowed to be operated outside the permissible gradient range of  $\pm 12,5\%$ .

## Supplies by others

Depending on the installation method. Please, request information of different Pit designs and solutions

## Options/Equipment

- Surface hot galvanized
  - Extra colours
  - Interlock door / leveller
  - Integrated door control interlock
  - Lip length 500 mm
  - Tapered lip
  - Fold down segments
  - Wide range of rubber and steel buffer
  - EPDM seal
  - Visual cover
  - Different dimensions and load capacity on demand
  - Wheel chock and traffic lights
  - Different pit solutions
- Example installation method „pre-installed frame“.