



# P1320

HYDRAULIC DOCK LEVELLER WITH  
HINGED LIP IN STEEL FRAME

## Product characteristics

- completely new design
- option packs for individual configuration
- robust steel construction
- easy installation
- adjustable support legs

# P1320

Hydraulic dock levellers with hinged lip have established themselves as the basic version in loading technology. The P1320 redefines this standard. It combines long-standing experience and a robust steel frame with new design and state-of-the-art control technology. Thanks to the steel frame, the P1320 can be installed in front of the building and serves as a basis for a loading sluice. Naturally, only materials that meet the current environmental standards are used.

## Design

The P1320 consists of the following units:

- a platform with integrated dock leveller
- a hydraulic system for moving the platform and the hinged lip
- height-adjustable support legs at the front

## 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.

## Hydraulic drive

With a middle-pressure hydraulic system, the two lift cylinders for the platform and the hinged lip cylinder are controlled independently.

## Control and operation

The dock leveller is operated via the supplied control system Classic Plus. The components of the control system are RoHS-compliant (unloaded).



Classic Plus  
(standard)



i-Vision HA



i-Vision HAD

## NCI on board (only with i-Vision control)

The integrated Novoferm Communication Interface (NCI) provides over 50 important parameters. The LION 4.0 software supports you in analyzing these relevant data for a more efficient loading process.

## Safety devices

- Hydraulic emergency stop
- Stopping all movements in case of a power failure.
- After a power failure, the control must first be reset.
- Due to the twisting of the platform, it can be ensured that the hinged lip is lying flat even in the case of an uneven loading. This prevents steps or tripping hazards from forming.
- Lateral, yellow-black hazard warning markings
- Maintenance strut
- Side protection sheets

## Technical data

Nominal load according to EN 1398 ..... 60kN  
 Load capacity of side treads ..... 20kN  
 Nominal widths ..... 2000, 2200, 2250mm  
 Hinged lip length ..... 400mm

Nominal lengths (mm)	Nominal heights (mm)	Operational range (mm)			
		Hinged lip 400 mm		Hinged lip 500 mm	
		above Dock	below Dock	above Dock	below Dock
2000	725	360	320	230	340
2440 (2500)	725	380	290	260	300
3000	725	400	290	280	300

The maximum admissible inclination according to EN 1398 is 12.5%.  
 When using forklift trucks with very small wheels, the load capacity is 40 kN.

Platform widths ..... 3300, 3500, 3600mm  
 Work angle to building ..... 90°, 75°, 60°, 45°, 105°, 120°, 135°

Power supply ..... 3N-400V/50 Hz/16 A  
 Protection rating ..... IP65  
 Motor rating ..... max. 0,75kW  
 Construction characteristics  
 platform material thickness ..... 6/8mm  
 hinged lip material thickness ..... 12/14mm

## Work needed in preparation for the installation

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

## Option packs

The following option packs are available for an easy configuration of the dock leveller according to your needs and requirements:

- Green<sup>Plus</sup> Reduction of power consumption and CO<sub>2</sub> consumption
- Door<sup>Plus</sup> Door and dock leveller control in one single control panel
- Safety<sup>Plus</sup> Additional safety through traffic light systems

For further information, please check the Option Packs data sheet.

## Options/Accessories

- Painting in RAL colours at customer's choice
- Hot-dip galvanized
- Interlocking of door and dock leveller
- Hinged lip length 500 mm
- Gap sealing on platform against draughts
- Tapered hinged lip for smaller trucks
- Fold-down segments
- Large selection of steel, rubber and plastic impact buffers
- Connection of wheel chock and traffic light systems (only with i-Vision control system)
- Platform tear plate 8/10mm
- NC Silence Plus
- Antislip protection with noise reduction
- Low temperature oil

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