mydocking


# L320

## HYDRAULIC DOCK LEVELLER WITH HINGED LIP

### Product characteristics

- new design
- option packs for individual configuration
- robust steel construction
- quick installation thanks to the Z-frame

# L320

The hydraulic dock levellers with hinged lip have established themselves among loading systems as the basic version. The L320 redefines a new standard. It combines long lasting experience in Docking in a robust steel construction with state-of-the-art control technology. Naturally only materials that meet current environmental standards are used.

### Structure

The L320 consists of the following units:

- self supporting Z-frame
- a platform with hinged lip
- hydraulic system to move the platform and operate the hinged lip
- a control system type Classic Plus

### 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 driveb

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 control system type Classic Plus included as standard. The components of the control system are RoHS-compliant (unleaded).

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 is also ensured that the hinged lip is lying flat even in the case of a uneven loading. This prevents steps or tripping hazards from forming.
- Lateral, yellow-black hazard warning markers
- Maintenance strut
- Lateral toe guards

### Technical data

Nominal load according to EN 1398 ..... 60 kN
Nominal widths ..... 2000, 2100, 2250 mm
Hinged lip lengths ..... 400/500 mm

| 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 | 600 | 360 | 300 | 230 | 340 |
| 2500 | 600 | 380 | 270 | 260 | 300 |
| 2750 | 600 | 390 | 270 | 270 | 300 |
| 3000 | 600 | 400 | 260 | 280 | 300 |

The maximum include allowed according to EN 1398 is 12,5 %. In case fork lift trucks with very small wheels are used, the nominal load capacity is 40 kN.

Power supply ..... 3 N~ 400 V/50 Hz/16 A
Protection rating ..... IP 65
Motor rating ..... max. 0,75 kW

Construction characteristics
platform material thickness ..... 6/8 mm
hinged lip material thickness ..... 12/14 mm

### 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$^{Plus}$ | Reduction of power consumption and $CO_2$ consumption |
| Iso$^{Plus}$ | Insolation of dock leveller, gap sealing and facing curtain |
| Door$^{Plus}$ | Door and dock leveller control in one single control panel |
| Safety$^{Plus}$ | 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)
- Different installation methods (frame types)
- Platform tear plate 8/10 mm
- NC Silence Plus
- Antislip protection with noise reduction
- Low temperature oil

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