



# L320e

TRANSPORT OPTIMIZED  
DOCK LEVELLER

## Product characteristics

- hydraulic dock levellers with hinged lip
- new design
- option packs for individual configuration
- robust steel construction
- quick installation

# L320e

The hydraulic dock levellers with hinged lip have established themselves among loading systems as the basic version. The L320e 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 L320e is designed for perfect transportation and available in two versions. The **L320e ECO** is prepared with a rear frame and the **L320e ECO<sup>Plus</sup>** has a transport optimized Pit-frame. Both versions need a special pit preparation. Up to 30 pcs. L320e can be stored in a truck or container.

The L320e consists of the following units:

- a platform with hinged lip
- hydraulic system to move the platform and operate the hinged lip
- a control system type Classic Plus
- a rear frame for L320e ECO
- a special Pit-frame (stand model) for L320e ECO<sup>Plus</sup>



L320e ECO



L320e ECO<sup>Plus</sup>

## 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 control system type Classic Plus included as standard. 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 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 width .....	2000 mm
Nominal height .....	600 mm
Hinged lip length .....	400 mm

Nominal lengths (mm)	Transportation heights (mm)	Operational range (mm)	
		Hinged lip 400 mm	
		above Dock	below Dock
2000	450	360	270
2500	450	360	270
2750	450	330	270
3000	450	270	270

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

Für eine einfache Konfiguration der Ladebrücke nach Ihren Anforderungen und Bedürfnissen stehen folgende Options-Pakete zur Verfügung:

- 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
- Interlocking of door and dock leveller
- gap sealing on platform against draughts
- large selection of steel, rubber and plastic impact buffers
- connection of wheel chock and traffic light systems (only with i-Vision control system)
- tapered hinged lip for narrow HGY trailers
- low temperature oil

## mydocking

docking Solution und Service GmbH  
Springrad 4  
30419 Hannover

Telefon: +49 (0)511 76 36 79-0  
Telefax: +49 (0)511 76 36 79-90  
E-Mail: info@mydocking.com  
Website: www.mydocking.com