

L320R PERFORMANCE

HYDRAULIC DOCK LEVELLER
WITH HINGED LIP AS
REPLACEMENT SOLUTION

Product characteristics

- Options packages for customised configuration
- Robust steel construction
- Quick replacement thanks to specific Z-frame
- Digital connection via app and live monitoring

L320R PERFORMANCE

The hydraulic dock levellers with hinged lip have established themselves among loading systems as the basic version. The L320R Performance is designed as a specific replacement solution. 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 L320R Performance essentially consists of:

- Two Z-frames (AZ, GZ) for various installation pits
- A platform with hinged lip
- hydraulic system to move the platform and operate the hinged lip
- A Classic Plus or i-Vision 3 control unit

Surface

All steel structural parts are painted in RAL 5010 (gential blue), RAL 7016 (anthracite grey) or RAL 9005 (black). In order to ensure optimal corrosion protection, all steel parts are first sand-blasted and then coated with two-component paint.

Corrosion protection class in accordance with DIN EN ISO 12944 Standard..... 80 µm C2 M Optional.....160 µm C3 M

Hydraulic drive

The medium-pressure hydraulic system allows the dual platform lift cylinders and the hinged lip cylinder to be controlled independently.

Control and operation

The dock leveller is operated using the supplied Classic Plus control unit. The components of the control unit are RoHS-compliant (lead-free).



Classic Plus (standard)

i-Vision 3

i-Vision 3 D/DS

i-Vision 3 DD/DDS

NEW Connection via the app and NovoServiceHub

Programming and reading out the i-Vision control units via the associated app and monitoring status and maintenance services via the live monitoring feature ensure significantly improved user-friendliness.

Safety devices

- Hydraulic emergency stop
- Stopping all movements in case of power failure
- After a power failure, the control unit first needs to be reset.
- The ability to twist the platform ensures that the hinged lip lies flat, even under unbalanced loading. This prevents the formation of steps or tripping hazards.
- Lateral, yellow-black hazard warning markers
- Maintenance strut
- Lateral guard plates

Technical data

Nominal load according to EN 1398.....60 kN
 Nominal widths.....1710, 1750, 1960, 2000, 2060,2100, 2160, 2200, 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	590	360	300	230	340
2500	590	380	270	260	300
2750	590	390	270	270	300
3000	590	400	260	280	300

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

Power supply3 N~ 400 V/50/60 Hz/16 A
3 N~ 230 V/50/60 Hz/16 A
 Protection rating.....IP 65
 Motor rating.....max. 0,75 kW

Construction Smooth sheet platform (in conjunction with antislip / noise reduction coating or NC-Silence).....6 mm
 Bulb plate platform6/8 mm
 Hinged lip bulb plate.....12/14 mm

On-site preparations

These depend on the selected installation method. Please request our installation drawings.

Option packs

The following option packs are available for easily configuring the dock leveller in accordance with your needs and requirements:

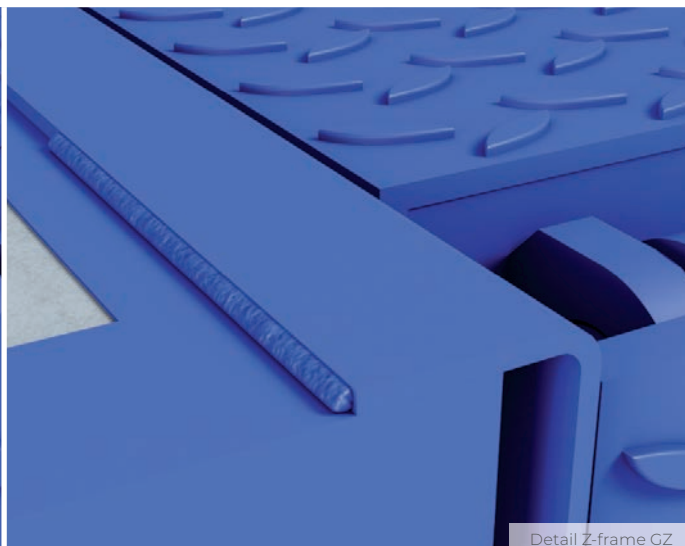
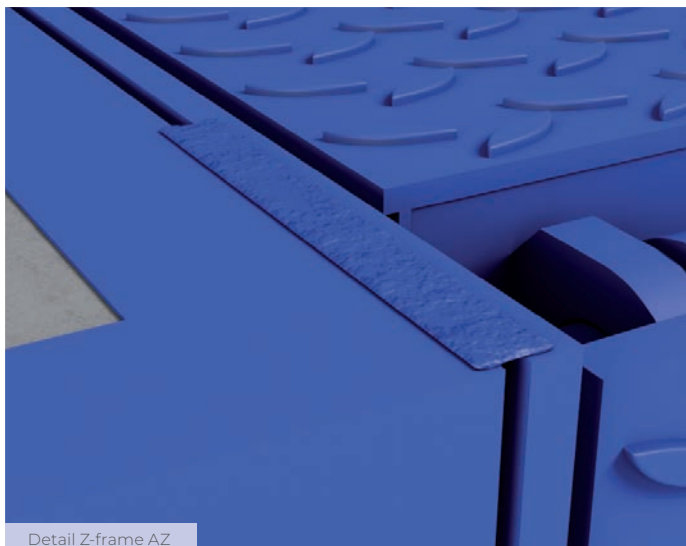
Green^{Plus} Including i-Vision 3 control unit
 Iso^{Plus} Insulation of the dock leveller and gap seals
 Door^{Plus} Door and dock leveller controls in a single cabinet

Options/Accessories

- Painting in RAL colours at customer's option
- Hot-dip galvanized version
- Interlocking of door and dock leveller
- Hinged lip length 500 mm
- Gap seals on the platform against draughts
- Tapered hinged lip for narrow HGV trailers
- Hinged segments
- Large selection of steel, rubber and plastic impact buffers
- Connection of wheel chock and traffic light systems (only with i-Vision control units)
- Various installation methods (frame types)
- Other dimensions on request
- Platform tear plate 8/10 mm
- Coating: antislip / noise reduction or NC-Silence
- Low temperature oil

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Two Z-frames (AZ, GZ) for various installation pits.



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