



L530 PERFORMANCE

HYDRAULIC DOCK LEVELLER WITH
TELESCOPIC LIP FOR THE MOST
DEMANDING REQUIREMENTS

Product characteristics

- SLOD function prevents accidents
- Green solution product
- Up to 70% less energy consumption
- Robust steel construction
- Quick installation thanks to the Z-frame
- Options packages for customised configuration
- Digital connection via app and live monitoring

L530 PERFORMANCE

The L530 Performance is optimised for the increased market requirements and combines the benefits of various systems. The hydraulic dock leveller with telescopic lip is particularly robust and enables efficient loading thanks to its modern control unit technology and drive system. It also offers the simplest and most efficient operation with the lowest energy consumption.

Structure

The L530 Performance essentially consists of:

- A Z-frame for various installation pits
- A platform with integrated telescopic lip
- A new hydraulic system for moving the platform and telescopic lip
- A i-Vision 5 control unit

Surface

All steel structural parts are painted in RAL 5010 (gentian 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

Innovative and intuitive

Modern drive system with particularly efficient control unit technology. Easiest operation leads to fewer incorrect operations compared to four-button control units prevalent in the market, enhances safety and accelerates the loading operation with up to 70% less energy requirement.

Hydraulic drive

The hydraulic system allows the dual platform lift cylinders and the telescopic lip cylinder to be controlled independently.

Control and operation

The dock leveller is operated using the supplied i-Vision 5 control unit. The components of the control unit are RoHS-compliant (lead-free). Various models of the i-Vision control unit are optionally available.



i-Vision 5



i-Vision 5 D/DS



i-Vision 5 DD/DDS

Fig. with double housing



i-Vision 5 X*



i-Vision 5 XD/XDS*



i-Vision 5 XDD/XDDS*

Fig. with double housing

QuickDock function

With this function, all dock leveller movements are performed using just one operator pushbutton. Simple and efficient.

SLOD function

Thanks to the unique SLOD function, the operator can open the rear doors of the lorry without running the risk of falling off the dock leveller. A decisive plus for safety.

NEW Connected 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.
- Lateral, yellow-black hazard warning markers
- Maintenance strut
- SLOD function for safe opening of the lorry doors with only one push button

Technical data

Nominal load according to EN 139860 kN
 Nominal widths2000, 2250, 2400 mm
 Telescopic lip lengths500/1000 mm

Leveller lengths (mm)	Overall heights (mm)	Operational range (mm)			
		Telescopic lip 500 mm		Telescopic lip 1000 mm	
		Above dock	Below dock	Above dock	Below dock
2000	600	330	300	405	315
	700	360	400	440	435
2500	600	430	290	500	280
	700	470	370	540	390
3000	600	420	270	475	260
	700	480	400	565	390

The maximum incline permissible according to EN 1398 is 12.5%.

Power supply3 N- 400 V/50/60 Hz/16 A
3 N- 230 V/50/60 Hz/16 A

Protection ratingIP 65

Motor ratingmax. 1,5 kW

Construction characteristics Smooth sheet platform (in conjunction with antislip / noise reduction coating or NC-Silence) 8 mm
 Bulb plate platform8/10 mm
 Telescopic lip bulb plate12/14 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:

Iso^{Plus} Insulation of dock leveller, gap sealing, facing curtain and ISO panels

Door^{Plus} Door and dock leveller controls in one integrated control panel

Options/accessories

- Painting in RAL colours at customer's option
- Hot-dip galvanized version
- Interlocking of door and dock leveller
- 1000 mm telescopic lip
- Version for container supports
- Gap seals on the platform against draughts
- Tapered telescopic lip for narrow HCV trailers
- Retracting tongues
- Large selection of steel, rubber and plastic impact buffers
- Facing curtain below the telescopic lip
- Connection of wheel chock and traffic light systems
- Various installation methods (frame types)
- Coating: antislip / noise reduction or NC-Silence
- Low temperature oil

*soon available

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