



GREEN SOLUTION ✓

GreenPlus GreenSLOD IsoPlus

DoorPlus SafetyPlus



L530

HYDRAULIC DOCK LEVELLERS WITH TELESCOPIC LIP FOR THE MOST DEMANDING REQUIREMENTS

Product characteristics

- NEW** NovoSmart Drive system
- NEW** 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
- NCI on-board

L530

The L530 is optimised for the enhanced 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 modern controller technology. The new NovoSmart Drive system provides the easiest and most efficient operation with the least energy requirement.

Structure

The L530 essentially consists of:

- a new Z-frame for various installation pits
- a dock leveller with integrated telescopic lip
- a new hydraulic system for moving the dock leveller and the telescopic lip (NovoSmart Drive)

Surface

All steel structural parts are painted with 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.

NEW NovoSmart Drive

(in combination with SuperVision 5 control units)

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

Hydraulic drive

With a hydraulic system, the two lift cylinders for the platform and the telescopic lip cylinder are controlled independently.

Control and operation

The dock leveller is operated via the control system supplied along with it, viz. SuperVision 5. The components of the control system are RoHS-compliant (lead-free). The i-Vision control system is available as an option.



SuperVision 5
(standard)

SuperVision 5
SLOD

i-Vision TA

i-Vision TAD

NEW SLOD function

Thanks to the unique SLOD function, the operator can open the rear doors of the lorry without running a risk and, in the process, of falling down from the dock leveller. A decisive plus for safety. All movements of the dock levellers are carried out with only one push button for this function. Simple and efficient.

NCI on board (only with i-Vision control)

The integrated Novoferm Communication Interface (NCI) provides more than 50 important parameters. With the LION 4.0 software you can analyze this relevant data for efficient loading.

Safety devices

- Hydraulic emergency stop
- Stopping all movements in case of power failure
- After a power failure, you first need to reset the control system.
- Lateral, yellow-black hazard warning markers
- Maintenance strut
- **NEW** SLOD function for safe opening of the lorry doors with only one push button

Technical data

Nominal load according to EN 139860 kN
Nominal widths.....2000, 2250, 2400 mm
Telescopic lip lengths.....500/1000 mm

Nominal lengths (mm)	Nominal heights (mm)	Operational Range (mm)			
		Telescopic lip			
		500 mm		1000 mm	
		Above Dock	Above 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 supply.....3 N~ 400 V/50 Hz/16 A
Protection ratingIP 65
Motor ratingmax. 1,5 kW

Construction characteristics platform material thickness.....8/10 mm
telescopic 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 CO₂ consumption
- Green^{SLOD} SLOD function
- Iso^{Plus} Insulation of dock leveller, gap sealing and facing curtain
- Door^{Plus} Door and dock leveller controls in one integrated 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 option
- hot-dip galvanized
- Interlocking of door and dock leveller
- 1000 mm telescopic lip
- gap sealing on the platform against draughts
- Tapered telescopic lip for narrow HGV trailers
- Retracting segments
- large selection of steel, rubber and plastic impact buffers
- facing curtain below the telescopic lip
- connection of wheel chock and traffic light systems (only with the i-Vision control system)
- different installation methods (frame types)
- NC Silence Plus
- antislip protection with noise reduction
- low temperature oil

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