



Option



# NovoDock L530

Hydraulic dock levellers with telescopic lip  
for the most demanding requirements

## Product characteristics

- NEW** NovoSmart Drive system
- NEW** SLOD function (optional) 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 (optional)



# NovoDock L530

The NovoDock 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 NovoDock 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

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.

## Control and operation

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

### **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 Green<sup>Plus</sup> package)

The integrated Novoferm Communication Interface (NCI) provides more than 50 important parameters. With the Novo i-Vision visual software (Option) 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 (optional)



Novo SuperVision 5 (standard)



Novo i-Vision TA (optional)



Novo i-Vision TAD (optional)

## Technical data

Nominal load according to EN 1398 ..... 60 kN  
 Nominal widths ..... 1750, 2000, 2250, 2400 mm  
 Telescopic lip lengths ..... 500/1000 mm

Nominal lengths (mm)	Nominal heights (mm)	Operational Range (mm)	
		Telescopic lip 500 mm	
		Above Dock	Below Dock
2000	600	330	300
	700	360	400
2500	600	430	290
	700	470	370
3000	600	420	270
	700	480	400

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

Power supply ..... 3 N- 400 V/50 Hz/16 A  
 Protection rating ..... IP 65  
 Motor rating ..... max. 1,1 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 technical data sheets.

## Hydraulic drive

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

## Option packs

The following option packs are available for an easy configuration of the dock leveller according to your needs and requirements:

### Optional

- Green<sup>Plus</sup> reduction of power consumption and CO<sub>2</sub> consumption
- Green<sup>SLOD</sup> SLOD function
- Door<sup>Plus</sup> Door and dock leveller controls in one integrated 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 option
- hot-dip galvanized
- Interlocking of door and dock leveller
- 1000 mm telescopic lip
- Tapered telescopic lip for narrow HGV trailers
- Retracting segments
- large selection of steel, rubber and plastic impact buffers
- connection of wheel chock and traffic light systems (only with the Novo i-Vision control system)
- different installation methods (frame types)
- other dimensions and load capacities on request
- low temperature oil