



NovoDock L 300i

Hydraulic dock leveller with swing lip

Product characteristics

- Green Solution Product
- up to 70 % lower power consumption
- option packs for individual configuration
- robust steel construction
- i-Vision control
- auto button



NovoDock L 300i

The hydraulic dock levellers with swing lip have established themselves among loading systems as the basic version. The NovoDock L 300i combines a robust steel construction with state-of-the-art control technology, thus making for efficient loading. In all products with Green^{Plus} packaging, and use of materials meet current environmental standards and make an important contribution to CO₂ reduction thanks to their extremely low energy consumption.

Structure

The NovoDock L 300i consists of the following units:

- a self-supporting base frame
- a main deck with swing lip
- hydraulic system to move the main deck and operate the swing lip
- a control system type i-Vision HA

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 that meets the VOC Decopaint standards.

Hydraulic drive

With a low-pressure hydraulic system, the dual stroke cylinders for the main deck and the swing lip cylinder are controlled independently.

Control and operation

The dock leveller is operated via the control system type i-Vision HA included as standard. The components of the control system are RoHS-compliant (unleaded).

i-Vision HA



i-Vision HAD (optional)



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 swing 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

Technical data

Nominal load according to EN 1398 60 kN
 Nominal width 1750, 2000, 2250 mm
 Swing lip length 400 mm

Deck lengths (mm)	Building heights (mm)	Operational range (mm)	
		Swing lip 400 mm	
		Above Dock	Below Dock
2000	600	250	290
	700	290	340
2500	600	310	270
	700	360	330
3000	600	360	270
	700	430	330
3500	800	520	350
4000	900	570	350
4500	900	620	350

The maximum include allowed according to EN 1398 is 12.5%.

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

Construction characteristics main deck material thickness.... 6/8 mm
 Swing 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.

Option packs

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

Standard

Green^{Plus} reduction of power consumption and CO₂ consumption

Optional

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

Iso^{Plus} Insulation of dock leveller and Twin Sealing Gap

Safty^{Plus} Additional safety through traffic light and electronic safety chock

Warranty^{Plus} Extended warranty period and fast reaction time

For further information, please check the Option Packs data sheet.

Options / Accessories

- Painting in RAL colours at customer 's choice
- hot-dipped design
- Interlocking of door and dock leveller
- Tapered swing lip for narrow HGV trailers
- fold-down segments
- large selection of steel and rubber impact buffers
- three-layered gap seals on main deck against draughts
- other dimensions and load bearing capacities upon request
- connection of safety chock with set of traffic lights
- different installation methods (frame types)