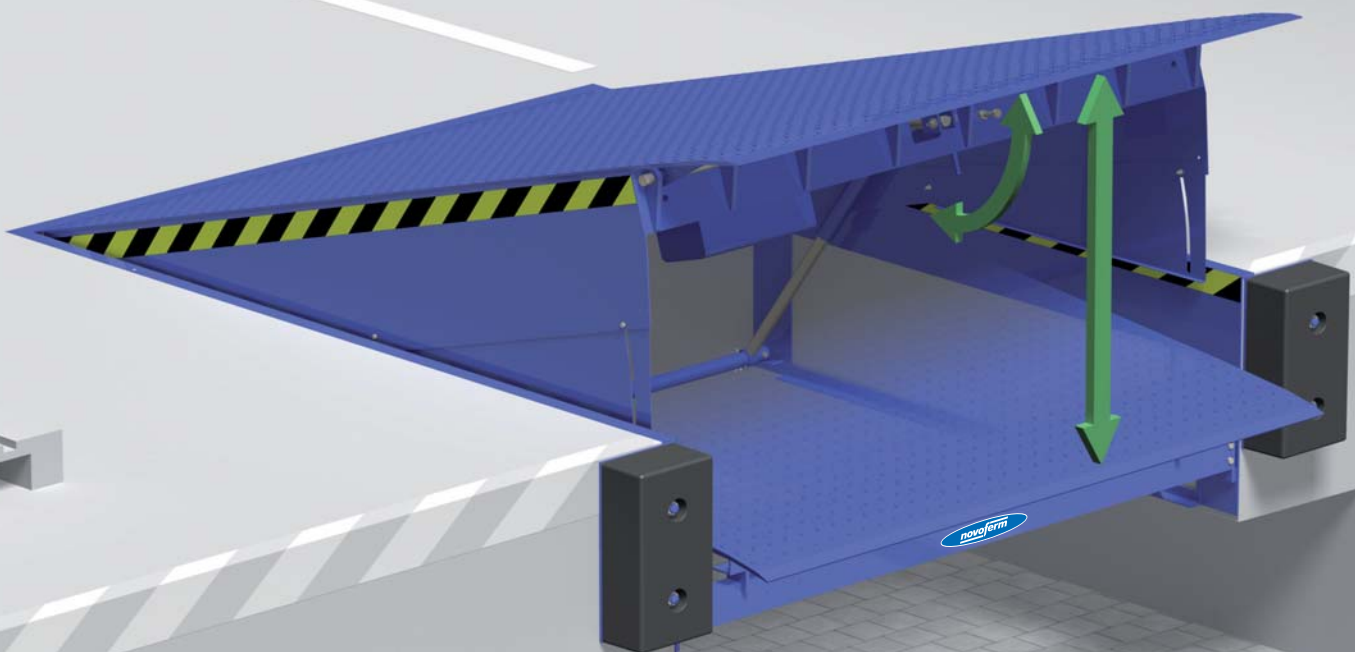




Nominal load



NovoDock L350i

Hydraulic dock leveller with hinged lip and higher dynamic load capacity

Product characteristics

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



NovoDock L350i

The hydraulic dock levellers with hinged lip have established themselves among loading systems as the basic version. Provided with a dynamic load capacity of 100 kN, the L350i is especially designed for heavy goods. The NovoDock L350i combines a robust steel construction with state-of-the-art control technology, thus making for efficient loading. In all products with Green^{Plus} packaging, the used materials meet current environmental standards and make an important contribution to CO₂ reduction thanks to their extremely low energy consumption.

Structure

The NovoDock L350i consists of the following units:

- a self-supporting framework
- a platform with hinged lip
- hydraulic system to move the platform and the hinged lip
- a control system type Novo i-Vision HAR1

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 middle-pressure hydraulic system, the two lift cylinders for the platform and the hinged lip cylinder are controlled independently.

Control and operation

The dock leveller is operated via the control system type Novo i-Vision HAR1 included in the scope of delivery. The components of the control system are RoHS-compliant (unleaded).



Novo i-Vision HAR1

NCI on board

The integrated Novoform Communication Interface (NCI) provides over 50 important parameters. The Novo i-Vision Visual software (optional) supports you in analyzing these relevant data for a more efficient loading process.

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 hinged lip is lying flat even in the case of a single-sided load. This prevents that steps or stumbling edges are created.
- Lateral, yellow-black security marking
- Maintenance strut
- Lateral toe guards

Technical data

Nominal load according to EN 1398 100 kN
 Nominal widths 1750, 2000, 2250 mm
 Hinged lip length 400 mm

Nominal lengths (mm)	Nominal heights (mm)	Operational range (mm)	
		Hinged 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 admissible inclination according to EN 1398 is 12.5%.

Power supply 3 N~ 400 V/50 Hz/16 A
 Protection rating IP 65
 Motor rating max. 1,5 kW

Construction characteristics platform material thickness 8/10 mm
 hinged lip material thickness 15/17 mm

Work needed in preparation for the installation

This depends on the selected installation method. Please order 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

Iso^{Plus} Insulation of dock leveller and Twin Sealing Gap
 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
- three-layered gap seals on platform against draughts
- tapered hinged lip for narrow HGV trailers
- large selection of steel, rubber and plastic impact bumpers
- connection of wheel chock and traffic light systems
- different installation methods (frame types)
- other dimensions and load capacities on request
- Antislip protection with noise reduction
- Bio oil
- Low temperature oil