



NOVA
INDUSTRIAL
SERVICES LTD.

GREEN ✓
SOLUTION



GreenPlus



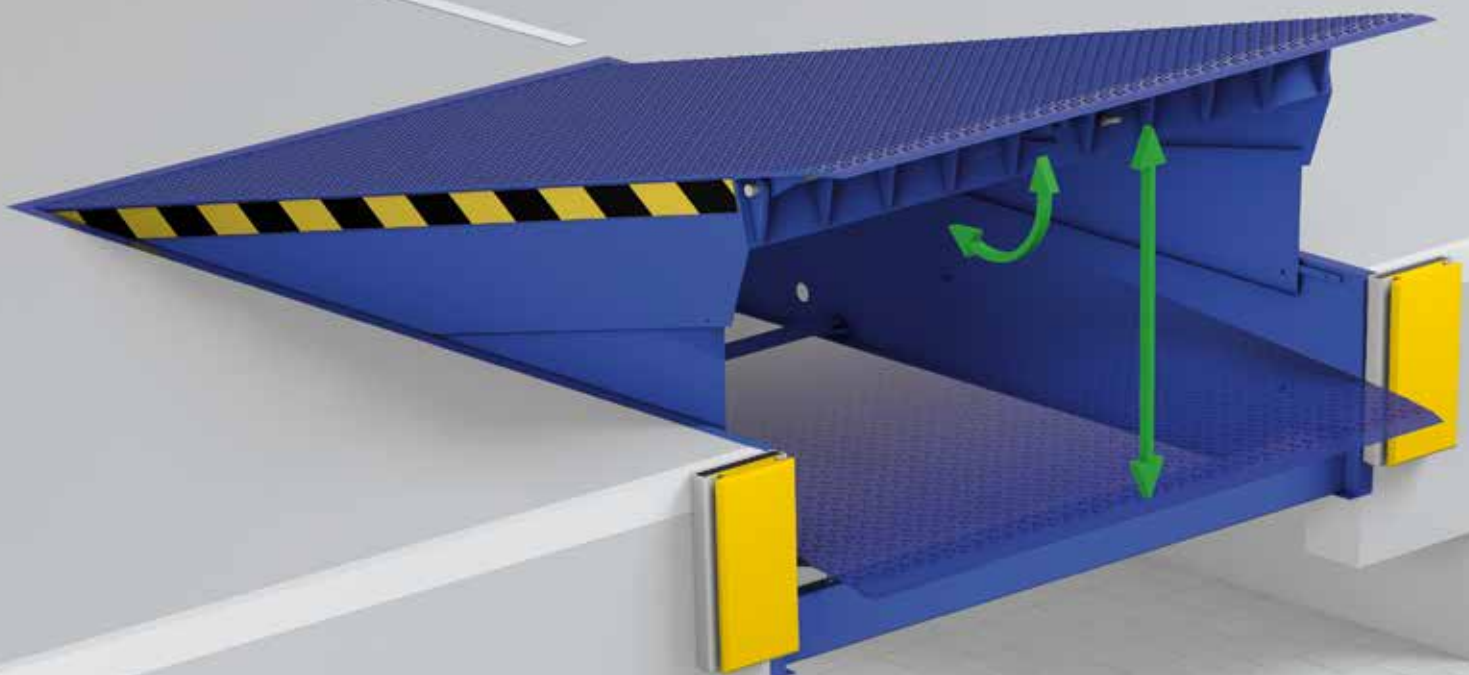
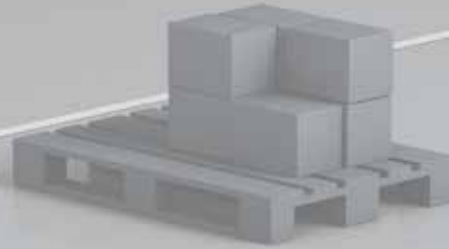
IsoPlus



DoorPlus



SafetyPlus



NOV001

NOVA HYDRAULIC DOCK LEVELLER WITH HINGED LIP

Product characteristics

- new design
- option packs for individual configuration
- robust steel construction
- quick installation thanks to the Z-frame

NOV001

The hydraulic dock levellers with hinged lip have established themselves among loading systems as the basic version. The NOV001 redefines a new standard. It combines long lasting experience in Docking in a robust steel construction with state-of-the-art control technology. Naturally only materials that meet current environmental standards are used.

Structure

The NOV001 consists of the following units:

- self supporting Z-frame
- a platform with hinged lip
- hydraulic system to move the platform and operate the hinged lip
- a control system type Classic Plus

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.

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 Classic Plus included as standard. The components of the control system are RoHS-compliant (unleaded).



Classic Plus
(standard)



i-Vision HA



i-Vision HAD

NCI on board (only with i-Vision control)

The integrated Novoferm Communication Interface (NCI) provides over 50 important parameters. The LION 4.0 software 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 uneven loading. This prevents steps or tripping hazards from forming.
- Lateral, yellow-black hazard warning markers
- Maintenance strut
- Lateral toe guards

Technical data

Nominal load according to EN 1398 60 kN
 Nominal widths 2000, 2100, 2250 mm
 Hinged lip lengths 400/500 mm

Nominal lengths (mm)	Nominal heights (mm)	Operational range (mm)			
		Hinged lip 400 mm		Hinged lip 500 mm	
		above Dock	below Dock	above Dock	below Dock
2000	600	360	300	230	340
2500	600	380	270	260	300
2750	600	390	270	270	300
3000	600	400	260	280	300

The maximum include allowed according to EN 1398 is 12,5 %. In case fork lift trucks with very small wheels are used, the nominal load capacity is 40 kN.

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

Construction characteristics platform material thickness 6/8 mm
 hinged 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

Iso^{Plus} Insolation of dock leveller, gap sealing and facing curtain
 Door and dock leveller control in one single control panel

Door^{Plus}

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 choice
- Hot-dip galvanized
- Interlocking of door and dock leveller
- Hinged lip length 500 mm
- Gap sealing on platform against draughts
- Tapered hinged lip for smaller trucks
- Fold-down segments
- Large selection of steel, rubber and plastic impact buffers
- Connection of wheel chock and traffic light systems (only with i-Vision control system)
- Different installation methods (frame types)
- Platform tear plate 8/10 mm
- NC Silence Plus
- Antislip protection with noise reduction
- Low temperature oil



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