



**NOVA**  
INDUSTRIAL  
SERVICES LTD.



# NOV003

HYDRAULIC DOCK LEVELLER WITH  
HINGED LIP AS  
REPLACEMENT SOLUTION

## Product characteristics

- New design
- Option packs for individual configuration
- Robust steel construction
- Quick replacement thanks to specific Z-frame

# NOV003

The hydraulic dock levellers with hinged lip have established themselves among loading systems as the basic version. The NOV003 is designed as a specific replacement solution. 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 NOV003 consists of the following units:

- three new Z-frames (AZ, FZ, GZ) for various installation pits
- 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 Novoform 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 .....	1710, 1750, 1960, 2000, 2060, 2100, 2160, 2200, 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	590	360	300	230	340
2500	590	380	270	260	300
2750	590	390	270	270	300
3000	590	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

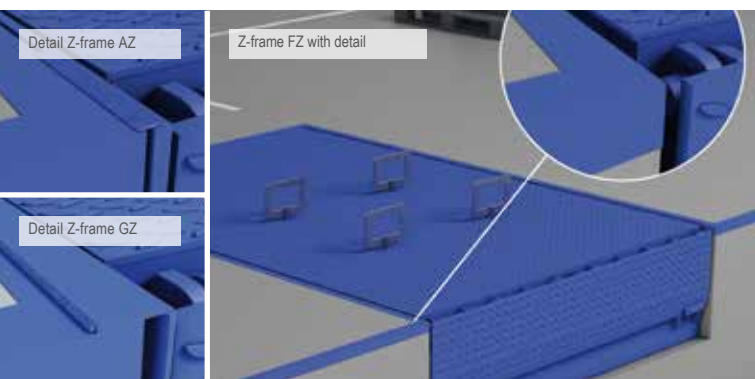
Construction characteristics	platform material thickness .....	6/8 mm
	hinged lip material thickness .....	12/14 mm

## Work needed in preparation for the installation

This depends on the preferred installation method. Please request our pit drawings.

## Options/Accessories

- Hot-dip galvanized
- Painting in RAL colours at customer's options
- 500 mm hinged lip
- Interlocking of door and dock leveller
- Tapered hinged lip for narrows HGV trailers
- Gap sealing on platform against draughts
- Fold-down segments
- Large selection of steel, rubber and plastic impact buffers
- Connection of wheel chock and traffic light systems (only with the i-Vision control system)
- Different installation methods (frame types)
- Other dimensions and load capacities on request
- Platform tear plate 8/10 mm
- NC Silence Plus
- Antislip protection with noise reduction
- Low temperature oil



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