



**NOVA  
INDUSTRIAL  
SERVICES LTD.**



# NOV007

HYDRAULIC DOCK LEVELLERS WITH  
TELESCOPIC LIP  
AS REPLACEMENT SOLUTION

## Product characteristics

- NEW** NovoSmart Drive system
- NEW** SLOD function prevents accidents
- Green solution product
- Up to 70 % less energy consumption
- Robust steel construction
- Quick replacement thanks to specific Z-frame
- Options packages for customised configuration

# NOV007

The NOV007 is designed as a specific replacement solution 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 NOV007 essentially consists of:

- three new Z-frames (AZ, FZ, GZ) 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.

## NovoSmart Drive

In combination with SuperVision 5 control units)

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.

## Hydraulic drive

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

## Control and operation

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



SuperVision 5 (standard)

SuperVision 5

i-Vision TA SLOD

i-Vision TAD

## NEUSLOD 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 i-Vision control)

The integrated Novoform Communication Interface (NCI) provides more than 50 important parameters. With the LION 4.0 software 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
- **NEUSLOD** function for safe opening of the lorry doors with only one push button

## Technical data

Nominal load according to EN 1398 ..... 60 kN  
 Nominal widths ..... 1710, 1750, 1960, 2000, 2060,  
 ..... 2100, 2160, 2200, 2250 mm  
 Telescopic lip lengths ..... 500/1000 mm

Nominal lengths (mm)	Nominal heights (mm)	Operational Range (mm)			
		Telescopic lip			
		500 mm		1000 mm	
		Above Dock	Below Dock	Above Dock	Below Dock
2000	590	330	300	405	315
	690	360	400	440	435
2500	590	430	290	500	280
	690	470	370	540	390
2750	590	400	270	500	270
	690	430	350	530	370
3000	590	420	270	475	260
	690	480	400	565	390

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. 1,5 kW

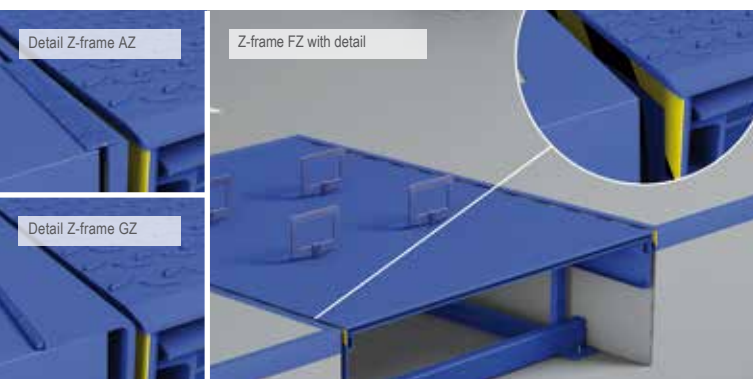
Construction characteristics platform material thickness ..... 8/10 mm  
 telescopic lip material thickness ..... 12/14 mm

## Work needed in preparation for the installation

This depends on the preferred installation method. Please request our drawings showing exact dimensions.

## Options/Accessories

- Painting in RAL colours at customer's option
- hot-dip galvanized
- Interlocking of door and dock leveller
- 1000 mm telescopic lip
- gap sealing on the platform against draughts
- Tapered telescopic lip for narrow HGV trailers
- Retracting segments
- large selection of steel, rubber and plastic impact buffers
- facing curtain below the telescopic lip
- 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
- NC Silence Plus
- antislip protection with noise reduction
- low temperature oil



01529 572274 | sales@nova-ind.co.uk | www.nova-ind.co.uk



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