

NIDO

MACHINERIES
SUPPORT
RENTAL
AUTOMATION



**MATERIAL
HANDLING**

Nido Hydraulic Dock Leveler

MODEL: ND-DL-10



MODEL: ND-EDL-6



Nido dock leveler with 6000 & 10000 kgs capacity is an ergonomically designed for loading and unloading of goods. Available with shoe guard, 10 mm - Thicklip with profile joint, 6 strong member support base, Heavy duty construction. Capacity: 10-15 Tons.



Standard Features

- Widely used to bridge the height difference between the vehicle level and the shop floor at dispatch bay.
- To be installed into the civil pit.
- Ideal Shop floor height from the ground floor for the installation is 1100 mm to 1200 mm.

Technical Specification

Valuable, Affordable and Dependable each EP Mechanical Edge-of-Dock Leveler

Offering a range of lengths, widths, and dynamic capacities, the Edge-of-Dock Leveler combines rugged durability with a competitive price. Edge-of-Dock Levelers provide an operating range of 5" above and 5" below dock, with a minimum lip projection of 12 3/4" and an overall span 01 27 3/4". Broad center plate and lip are constructed of 25 ton. minimum yield steel tread plate. Grease fittings on continuous lip hinge are standard with each unit.

Model No.	ND-DL-6	ND-DL-10
EQUIPMENT TECHNICAL DETAILING		
Equipment Efficiency	1	1
Capacity (Kg)	6000 Dynamics	10000 Dynamics
Capacity (Kg)		12000 Static
Lift / Lowering Speed (mm/sec)	0.05m/sec	0.05m/sec
OVERALL DIMENSIONS		
Size L X W X H (mm)	2730 X 2030 X 480	2730 X 2030 X 480
Lip Extension (mm)	400	400
Working Range Above & Below	350 / 250	350 / 250
Lift Operation	Hydraulically	Hydraulically
Lip Motion	Hydraulically	Hydraulically
HYDRAULIC SYSTEM		
Dimension of Power Pack (L X W X H) (mm)	400 H x 560 L x 340 W mm	400 H x 560 L x 340 W mm
Tank Capacity	8 Litre	8 Litre
Oil Grade	68 Encló	68 Encló
Pump make & type	Dowty gear pump	Dowty gear pump
Hydraulic Valves make	Yuken	Yuken
Hydraulic Hose Piping	PIX/PARKER/MARKWELL	PIX/PARKER/MARKWELL

Lift Cylinder Qty.	1	1
Cylinder Bore Dia. (mm)	50 mm honed	50 mm honed
Shaft	40mm hard chrome plated	40mm hard chrome plated
Cylinder Stroke (mm)	300	300
Seals Type	PU Seal	PU Seal
Working Pressure Range	100 bars	100 bars
Pump Flow	1.8 LPM	1.8 LPM
Lip Cylinder Qty	1	1
Cylinder Bore Dia. (mm)	47 mm seamless	47 mm seamless
Shaft	35mm hard chrome plated	35mm hard chrome plated
Cylinder Stroke (mm)	200	200
ELECTRIC CONTROLS		
Control Panel / Motor	Simens/CG	Simens/CG
Control Voltage for contactor & coils	230V AC	230V AC
Illuminated integrated LED Switches	Technik	Technik
Electric Wires Make	Finolex / Polycab / Avanti	Finolex / Polycab / Avanti
Contactor, Relays, Switch, Push Buttons	L&T/Simens	L&T/Simens
MCB	Reputed Brand	Reputed Brand
Motor	1 hp 3 Phase - CG / BB	1 hp 3 Phase - CG / BB
BUFFERS QTY	02 Nos- Rubber (200mm X 200mm X100mm)	02 Nos- Rubber (200mm X 200mm X100mm)
Structure	5mm	5mm
Chequered plate Thickness	6	6
I-beam	Pivoted	Pivoted
Lip Mounting	Pivoted	Pivoted
Deck Mounting	16mm	16mm
Lip Plate thickness (mm)	Pit Drawing to Submit	Pit Drawing to Submit
CIVIL Requirements	relief valve provided for free floating	relief valve provided for free floating
Safety Available	NA Hydraulic does not carry any payload	NA Hydraulic does not carry any payload
Lift Height Loosening (Creeping)	NA Hydraulic does not carry any payload	NA Hydraulic does not carry any payload
Hydraulic Failure Collapsible safety	Provided	Provided
Safety Side Flaps	10	10
Gradeability Maximum(%)		
UTILITY REQUIREMENTS	15A 3 Phase	15A 3 Phase
Required Connected load	Yellow	Yellow
EQUIPMENT COLOR CODING	Painted	Painted
Installation and Commission	Provided	Provided
Training on operation & maintenance of	List shall be provided	List shall be provided

sets of manuals clearly indicating the parts, dwgs, specifications, Operation & maintenance		
OPERATION		
Equipment to be used for loading & unloading	Fork Lift (up to 11 % Gradeability)	Fork Lift (up to 11 % Gradeability)
Containers used for Loading / Unloading	Standard	Standard
Warranty	12 MONTHS from the date of installation	12 MONTHS from the date of installation

PACK | LIFT | MOVE | CLEAN | AUTOMATE

NIDO Machineries Pvt. Ltd.
Corporate Office: Unit 311,
Wadala Udyog Bhavan,
Naigaon Cross Rd Wadala,
Mumbai 400031, India

Warehouse & Service Centre:
Bldg. A16, Unit 15, Harihar
Corporation, Mankoli Naka
Village Dapoda, Bhiwandi
Thane 421302, India

M: +91 81081 15886
T: +91 22 4225 6225
E: sales@nidoworld.com
CIN: U29253MH2009PTC198182

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