



**WINDSOR
REPUBLIC
DOORS**

DOCK LEVELERS



Whether it's for new construction or retro-fit applications, Windsor Republic Doors offers a superior solution to your dock leveler needs.

Windsor Republic Doors' Dock Levelers are designed to maintain structural integrity, product longevity, and require minimal maintenance.

The Edge-of-Dock Leveler from Windsor Republic Doors is ideally suited for applications where standard size trucks are serviced. Mounted on the face of the dock wall, the edge-of-dock leveler provides a safe self-storing dock.

- Hydraulic or Mechanical Dock Levelers
- Hydraulic or Mechanical Edge-of-Dock Levelers

STANDARD FEATURES OF PIT DOCK LEVELERS

TILT SYSTEM

- Windsor Republic Doors' Dock Levelers are designed to tilt to either side - up to 4" - when loaded this floating action reduces deck fatigue and allows full width contact between the lip and truck bed
- Prevents damage to forks, tires, steering system and load, thereby prolongs life of dock leveler bed
- Standard on Windsor Republic Doors' Hydraulic and Mechanical Dock Levelers

DECK SUPPORT

- Continuous single-piece headboard increases the strength across the front of the deck

LIP HINGE

- Lip hinge is a full width design to maximize strength and to withstand the dynamic forces
- Minimum of 7 rear hinge support blocks plus two corner mounted tilt pockets for a total of 9 rear hinge supports.

FALL SAFE SYSTEMS

- Limits platform free fall
- Velocity fuses for hydraulic models and mechanical fall-safe legs for mechanical models

MAINTENANCE STRUT

- Built-in safety strut is designed to protect maintenance and service personnel while unit is in the extended position

TOE PROTECTION

- Full range toe guards are made of heavy gauge steel plate and come standard in ANSI approved safety yellow
- The stationary section is fully welded to both the outside channel and the headboard for added structural strength
- High visibility safety striping alerts personnel when dock leveler is in the extended position above cross traffic

DOCK PROTECTION

- Standard laminated bumpers (2 each) plus mechanical night locks and stops



Hydraulic Dock Leveler-WDHC Model (CONSULT FACTORY)

25,000 lb, 30,000 lb and 35,000 lb Rated Capacities*

Easy to operate hydraulic system incorporates single pushbutton control for both the deck and the lip. Controls are conveniently located on one remote wall-mounted push button station and the leveler is powered by a self-contained maintenance-free power pack.

- Rugged wall-mounted remote control station has shielded push buttons for DOCK OPERATION and RESET. Water tight to NEMA4 standards.
- Hydraulic deck and lip cylinders increase operating efficiency.
- Hydraulic system includes a 1 HP fan-cooled (TEFC) motor. Totally enclosed and equipped with overload protection. Hydraulic circuit design requires no maintenance. UL/CSA approved.
- Mechanical stops and night locks are standard.
- Velocity fuse fall safe limits free fall to within 3".
- The deck cylinder is mounted against the headboard and the deck. This superior design means the full length of the deck is supported in the event a truck departs while the Dock Leveler is in use.

Pit Style Mechanical Dock Leveler-FMC Model

25,000 lb, 30,000 lb and 35,000 lb Rated Capacities*

Easy to operate - no heavy lifting. Simply pull the release chain. The deck is driven up by heavy duty lift springs and the lip is smoothly powered out to the locked position. Dock is then "walked" down onto the truck bed. When the truck departs, the lip releases, allowing the unit to be returned to the cross traffic position.

- Windsor Republic Doors features a friction type hold down system - instant hold at any point in the full operating cycle.
- Main axle is mounted on sealed bearing for trouble-free operation.
- As deck rises, the lip smoothly powers out to the locked position. Releases automatically when truck departs.
- Cam roller fitted with sealed ball bearings to assure smooth, continuous cycling.
- Mechanical fall safe. Prevents platform free fall.
- Positive lip-lock with automatic release.
- Heavy duty main lift springs with lifetime warranty.
- Pivot points incorporate pre-lubricated bushings.
- Lip safely collapses if struck while in extended position.
- Mechanical stops and night locks are standard.

*Other models and capacities available, please consult the factory

Mechanical Edge-of-Dock Leveler

STANDARD DESIGN FEATURES

- 20,000 lb. to 30,000 lb. capacities
- 66" to 78" wide
- 10" wide x 13" high x 4" thick reinforced molded rubber bumpers are standard
- Deck and lip plates made of premium grade 50,000 psi minimum yield safety checker plate steel
- Each unit supplied with two rugged bumper blocks that can be lagged or welded to the dock face
- Working range of 5" above or below dock level
- One piece, continuous front and rear hinge pins
- Hole in lip allows for quick and easy handling by installers
- Heavy-duty back frame - 3/8" thick x 6" high

OPTIONS

- Installation hardware kit
- Approach ramp
- Face plate (existing)
- Pour-in curb angle (new construction)

MODEL	NOMINAL DECK SIZE (W x L) INCLUDING 16" LIP	STATIC CAPACITY RATING (lbs.)
MDX6620M	66" x 27"	20,000
MDX7220M	72" x 27"	
MDX7820M	78" x 27"	
MDX8320M	83" x 27"	25,000
MDX6625M	66" x 27"	
MDX7225M	72" x 27"	
MDX7825M	78" x 27"	30,000
MDX8325M	83" x 27"	
MDX6630M	66" x 27"	
MDX7230M	72" x 27"	
MDX7830M	78" x 27"	
MDX8330M	83" x 27"	



**WINDSOR
REPUBLIC
DOORS**

5800 Scott Hamilton Drive • Little Rock, AR 72209

1-800-774-1282 • 501-562-1872

Fax: 501-570-9324

www.windsordoor.com

Printed 11/05