

## HYDRAULIC EDGE-OF-DOCK LEVELER

### MDC-H SERIES

#### SPECIFICATIONS:

Dock Levelers shall be Hydraulic Edge-of-Dock (EOD) Model \_\_\_\_\_ comes complete with wall mounted bumper blocks as manufactured by BLUE GIANT.

MODEL Hydraulic (H)	DECK SIZE (W x L) (With 16" lip extended)	CAPACITY (LB)
MDC7230H	72" x 27"	30,000
MDC7830H	78" x 27"	

For metric conversion to mm, multiply inches by 25.4. For conversion to kg, divide lb by 2.2.

#### TYPE:

Hydraulic edge-of-dock, hinged dock leveler welded to 8" pour-in channel embedment within foundation dock face.

#### FUNCTION:

**Vertical Travel:** Working range up to 5" (127mm) above and below dock level.

**Automatic Vertical Compensation:** Unit provides float up to 5" (127mm) above and below dock level.

**Lip Operation:** Lip automatically extends as unit is lowered onto truck bed. Lip is returned to stored position upon truck's departure. The length of the lip shall not be less than 15" (381mm) overall length.

#### OPERATION:

**Hydraulic Model:** Electro-hydraulic raising of the deck, controlled from a remote mounted NEMA4X rated push-button control station, 3 ¼"W x 8 "H x 5 ¾ "D (83 x 165 x 130mm) in size. Attendant presses the constant pressure type push-button and deck is hydraulically powered to the vertical position. Attendant releases push button and lip extends while deck lowers. Supplied with a 1 HP motor.

**Remote push-button control station:** Provide a single operation push button control station with constant pressure "I" (UP) button. Control station is NEMA4X/IP65 rated, 3 ¼"W x 6 ½"H x 5 1/8"D (83 x 165 x 130mm) in size.

#### RATED CAPACITY / DESIGN:

Welding procedure compliant with ANSI AWS D1.1 (2008) specifications. ANSI/NFPA70 approved electrical components. Capacity 30,000 lb (13,636kg).

#### VOLTAGE SELECTIONS:

- 115V / 1PH Range: 110-130 / 50-60Hz
- 230V / 1PH Range: 208-240 / 50-60Hz
- 230V / 3PH Range: 208-240 / 50-60Hz
- 460V / 3PH Range: 380-480 / 50-60Hz
- 575V / 3PH Range: 575-600/ 60Hz

#### FINISH AND COLOR:

Unit painted factory standard grey color. Deck and lip constructed out of high tensile steel. Four way diamond tread plate. Grease fittings on lips.

#### WARRANTY:

Warranties are subject to standard limitations on liability. Please consult Blue Giant warranties at <http://www.BlueGiant.com> for full details on warranty information and product registration.

#### STANDARD ACCESSORIES:

- Two (2) molded rubber dock bumpers 10"W x 13"H x 4"D (254 x 330 x 101mm) mounted to heavy-duty bumper blocks

#### OPTIONAL ACCESSORIES:

- 8" Pour-in channel
- Manual light communication package with 115VAC main power feed. Includes exterior direct and mirror image driver's warning signs. Control station includes red and green indicator lights and shall be NEMA4X rated with a keyed selector switch for manual selection features. Overall dimension of control station is 5.9"W x 5.9"H x 3.57"D (150 x 150 x 91mm). Also includes LED exterior traffic lights: housing shall be one-piece, weatherproof constructed and made of ultra high molecular weight plastic. The lights shall be 4" (101mm) diameter of red and green color and measure 5"W x 11 ½"L x ½"D (127 x 292 x 13mm) in size. 24VDC LED lights, Exterior light is always opposite colour from interior light.