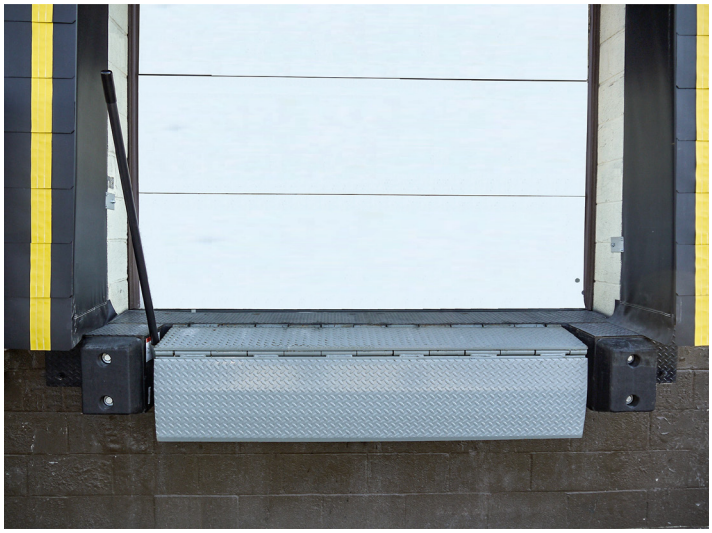
MD-CM SERIES

BLUE GIANT®

MECHANICAL EDGE-OF-DOCK LEVELER

Operator friendly with no lifting involved…
…simple, easy "pull-push" operation.



FEATURES
- Deck and lip operation assisted by balanced spring lifting system
- Smooth top plate transition
- Comfort grip operating handle
- Lifting hole in lip allows for quick and easy handling by installer

STRUCTURAL INTEGRITY
- Deck and lip plates made of premium grade 50,000 psi minimum yield diamond tread plate
- Heavy-duty 3/8" x 6" (9.65 mm x 152 mm) back beam
- One-piece, continuous front and rear hinge pins for enhanced strength and durability
- Lip bevel helps protect material handling equipment steering systems and cargo
- Two (2) molded rubber bumpers bolted onto heavy-duty steel block extensions, to help protect building and dock from damage

OPERATION
- Easy to deploy, less effort "operator maintains balanced control"
- Working range capability of 5" (127 mm) above and 5" (127 mm) below dock level
- Self-storing upon truck departure

EASE OF SERVICE
- Comfort grip handle has secondary use as maintenance stand
- Grease fittings on 30,000 lb (13,636 kg) capacities to minimize operational friction
- Field adjustability for kicker bar and spring tension

ASSOCIATED PRODUCTS
- Vehicle restraint systems
- Light communication systems
- Wheel chocks

The MD-CM Series edge-of-dock leveler from Blue Giant is ideally suited for applications where installation of pit levelers is not feasible or where standard fleet bed heights are serviced at the loading dock. The MD-CM Series is easily installed to the dock face providing an efficient self storing docking unit, replacing cumbersome dock plates.



Stored traffic position



Insert comfort grip handle



Pull back



Push forward

To meet OSHA and ANSI requirements and to minimize legal/insurance issues, the use of wheel chocks (at a minimum) is mandatory anytime equipment is used at the dock to load/unload vehicles. However, with the high lifetime cost of wheel chocks and their limited effectiveness, we recommend the combined use of vehicle restraints and wheel chocks as the accepted method of securing trucks to the dock. Blue Giant provides leading technology in manual and/ or power activated vehicle restraints. Maximize your employee safety while providing your company a modern, safe loading dock area.

Note: Some components are not illustrated.

Model	Capacity	Deck size (W x L)
MDC66__M	20,000 lbs (9,090 kg) 30,000 lbs (13,636 kg)	66” x 28” (1676 mm x 711 mm)
MDC72__M		72” x 28” (1828 mm x 711 mm)
MDC7830M	30,000 lbs (13,636 kg)	78” x 28” (1981 mm x 711 mm)
MDC8430M		84” x 28” (2134 mm x 711 mm)

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MDC72__MR		72” x 30” (1828 mm x 762 mm)
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MDC8430MR		84” x 30” (2134 mm x 762 mm)

STANDARD CONSTRUCTION FEATURES

- 14.4” (366 mm) nominal lip with bevel edge
- Hole in lip to help with easy handling and installation
- Welding procedure compliant with A.W.S.D.1.98 specifications
- Deck and lip constructed out of high tensile steel
- Four way diamond tread plate
- Two (2) molded rubber dock bumpers 10” W x 13” H x 4” D (254 mm x 330 mm x 102 mm) mounted to heavy-duty bumper blocks

MECHANICAL OPERATING SYSTEM

Provides quiet, dependable and smooth cycling.

1. Insert the operating handle deck and side pocket.
2. Pull the comfort handle back; the spring-assisted deck raises to a vertical position.
3. Pushing the handle forward lowers the deck, and lip automatically extends onto trailer.

LIP OPERATION

Lip automatically extends as unit is lowered onto truck bed and returns to stored position upon truck departure.

AUTOMATIC VERTICAL COMPENSATION AND TRAVEL

Unit provides float up to 5” (127 mm) above and below dock level.

AUTOMATIC LATERAL COMPENSATION

Leveler shall have deck flex to compensate for canted (out of level) truck beds.

RATED CAPACITY

- 20,000 lb (9,090 kg)
- 30,000 lb (13,636 kg)

OPTIONAL FEATURES

16” (406 mm) lip

SERVICEABILITY

- Comfort grip handle has secondary use as maintenance stand
- Grease fittings provided on 30,000 lb (13,636 kg) units
- Field adjustability for kicker bar and spring tension

FINISH AND COLOR

- Unit to be painted gray

WARRANTY

Standard one-year parts and labor warranty from date of shipment. Warranties are subject to standard limitations on liability.

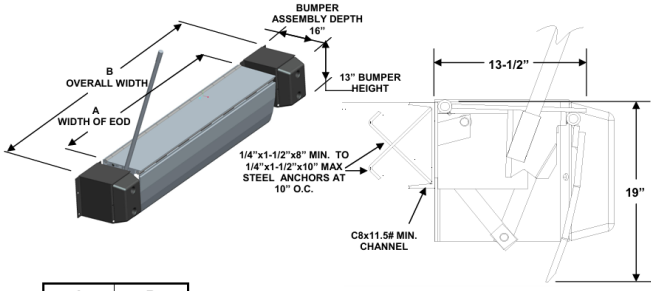
Please consult Blue Giant warranties at http://www.BlueGiant.com for full details on warranty information and product registration.

INSTALLATION ACCESSORIES

- Approach ramps
- Face plates
- 8” (203 mm) Pour-in channel

OPTIONAL PRODUCTS

- Vehicle restraint systems
- Communication systems
- Wheel chock systems



A (EOD WIDTH)	B (O.A. WIDTH)
66”	95”
72”	101”
78”	107”
84”	113”

Nominal Dimensions

Note:

1. Recommend minimum 8” (203 mm) structural concrete embedment (pour-in) channel, installed by others. Some components are not illustrated. Mounting anchors are not included.
2. Working range reduced by 2” (51 mm) when ordered with 16” (406 mm) lip.

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AUTHORIZED DEALER

Blue Giant offers a full line of dock levelers, dock safety equipment, seals and shelters, accessories, ergonomic and scissor lift equipment and industrial trucks. Concurrent with our continuing product improvement program, specifications are subject to change without notice. Please contact Blue Giant for latest information. Some features illustrated may be optional in certain market areas.

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