



85 Heart Lake Road South  
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**BLUE GIANT EQUIPMENT CORPORATION**

**'A' SERIES DOCK LEVELER**  
**MODEL 'M' – MECHANICAL**  
**SPECIFICATIONS:**

Dock Leveler shall be mechanical Model \_\_\_\_\_ comes complete with locking hold down mechanism and 4" (101mm) maintained deck tilt as manufactured by BLUE GIANT.

MODEL SIZE REF	DECK WIDTH	DECK LENGTH w/ 16" LIP	PIT DEPTH Front 20" and Rear 19 1/2"	
			PIT WIDTH	PIT LENGTH
A686M	72"	75 1/2"	74"	61 1/4"
A688M	72"	99 1/2"	74"	85 1/4"
A6810M	72"	123 1/2"	74"	109 1/4"
A6686M	78"	75 1/2"	80"	61 1/4"
A6688M	78"	99 1/2"	80"	85 1/4"
A66810M	78"	123 1/2"	80"	109 1/4"
A786M	83"	75 1/2"	85"	61 1/4"
A788M	83"	99 1/2"	85"	85 1/4"
A7810M	83"	123 1/2"	85"	109 1/4"
<b>Capacities available:</b> 30,000 / 35,000 / 40,000 / 45,000 / 50,000lb				

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

**TYPE:**

Recessed, pit installed hinged dock leveler. Manually operated.

**FUNCTION:**

**Vertical Travel:** Working range of 12" (305mm) above and 12" (305mm) below dock level.

**Automatic Vertical Compensation:** Unit provides float of 12" (305mm) above and 12" (305mm) below dock level.

**Automatic Lateral Compensation:** Provides maintained side-to-side deck tilt of up to 4" (101mm) to compensate for canted truck beds.

**Lip Operation:** Mechanically operated lip that automatically extends and locks into position. Lip will yield under impact of incoming truck and will automatically drop pendant upon truck's departure. The length of the lip extension shall not be less than 16" (406mm) from the ramp edge.

**OPERATION:**

**Mechanical Operating System:** No manual lifting involved. Attendant pulls release chain that activates the locking hold down system designed to minimize cross traffic bounce and provide instant hold. The deck is driven up by heavy-duty lift springs and the lip is smoothly powered out. 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.

**RATED CAPACITY:**

Welding procedure compliant with A.W.S.D1.1 98 specifications. All units rated in compliance with ANSI MH14.1. Standard capacities available from 30,000lb to 50,000lb (13,636kg to 22,727kg). Structural deck support to include minimum six each high-tensile solid steel I-beam members.

**SAFETY DEVICES:**

- Full operating range metal toe guard protection (may be optional in certain markets, specify)
- Mechanical fall safe legs to limit free fall and below level lip control for end-loading (may be optional in certain markets, specify)
- Cross traffic support - lip engaged in saddles
- Corner safety stops
- Telescopic v-grooved maintenance strut, integral to unit
- Chamfered lip

**FINISH AND COLOR:**

Toe guards painted safety yellow as specified by ANSI Z535.1. Remainder of unit painted blue. High visibility OSHA safety striping on stationary side toe guards.

**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:**

- Night Locks
- Two model DB411 laminated bumpers 14"W x 10"H x 4.5"D (355 x 254 x 114mm) - model may vary by market, specify



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**B L U E   G I A N T   E Q U I P M E N T   C O R P O R A T I O N**

**MODEL 'M' – MECHANICAL**

**OPTIONAL ACCESSORIES:**

- Foam insulation underside of deck
- Side and rear rubber style weather seals
- Side and rear nylon brush weather seals
- 18" and 20" (457 and 508mm) long lips
- Galvanized finish
- Pour-in pan (dock leveler welded to a steel pan, allowing it to be "poured in place" after concrete slab is poured)
- Clean pit frame
- Vehicle restraint to keep trailer securely stationed at the loading dock