

**'A' SERIES MECHANICAL DOCK LEVELER SPECIFICATIONS:**

Dock Leveler shall be mechanical **Model MA**\_\_\_\_\_ and come complete with cable locking hold-down mechanism and 4" (102mm) assured motion float (maintained deck tilt) as manufactured by BLUE GIANT.

MODEL	DECK WIDTH		DECK LENGTH w/ 16" / 406mm LIP		PIT DEPTH Front 20" / 508mm and Rear 19 1/2" / 495mm			
					PIT WIDTH		PIT LENGTH	
	inches	mm	inches	mm	inches	mm	inches	mm
MA6006	72"	1829	75 1/2"	1918	74"	1878	61 1/4"	1556
MA6008	72"	1829	99 1/2"	2527	74"	1878	85 1/4"	2165
MA6010	72"	1829	123 1/2"	3137	74"	1878	109 1/4"	2775
MA6606	78"	1981	75 1/2"	1918	80"	2032	61 1/4"	1556
MA6608	78"	1981	99 1/2"	2527	80"	2032	85 1/4"	2165
MA6610	78"	1981	123 1/2"	3137	80"	2032	109 1/4"	2775
MA7006	83"	2108	75 1/2"	1918	85"	2159	61 1/4"	1556
MA7008	83"	2108	99 1/2"	2527	85"	2159	85 1/4"	2165
MA7010	83"	2108	123 1/2"	3137	85"	2159	109 1/4"	2775
<b>Capacities available:</b> 30,000 / 35,000 / 40,000 / 45,000 / 50,000 lbs 13,636 / 15,909 / 18,181 / 20,454 / 22,727 kgs								

**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 4" (102mm) assured motion float 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 / DESIGN:**

Welding procedure compliant with ANSI AWS D1.1 (2008) specifications. All units rated in compliance with ANSI MH30.1(2007). Standard capacities available from 30,000lb to 40,000lb (13,636kg to 18,144kg). 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
- Beveled 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 (356 x 254 x 114mm)

**OPTIONAL ACCESSORIES:**

- Foam insulation underside of deck
- Side and rear rubber style weather seals
- Side and rear nylon brush weather seals
- 18" (457mm) long lip
- 20" (508mm) long lip

# Loading Dock Equipment

s p e c i f i c a t i o n s

**BLUE GIANT**®

- 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
- Manual light communication package with 115VAC or 230 VAC 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" (102mm) diameter of red and green color and measure 5"W x 11½"L x ½"D (127 x 292 x 13mm) in size. 24VDC LED lights, Exterior light is always opposite colour from interior light.
- Three wheel forklift center deck support