

'C' SERIES DOCK LEVELER
MODEL 'FMC' - MECHANICAL
SPECIFICATIONS:

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

MODEL	DECK WIDTH	DECK LENGTH w/ 16" LIP	PIT DEPTH Front 20" and Rear 19 1/2"	
			PIT WIDTH	PIT LENGTH
FMC6006	72"	75 1/2"	74"	61 1/4"
FMC6008	72"	99 1/2"	74"	85 1/4"
FMC6606	78"	75 1/2"	80"	61 1/4"
FMC6608	78"	99 1/2"	80"	85 1/4"
FMC7006	83"	75 1/2"	85"	61 1/4"
FMC7008	83"	99 1/2"	85"	85 1/4"
Capacities available: 25,000 / 30,000 / 35,000lb				

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 4" (101mm) 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 A.W.S.D1.1 98 specifications. All units rated in compliance with ANSI MH14.1. Standard capacities available 25,000lb to 35,000lb (11,363kg to 15,909kg). Structural deck support to include minimum six each high tensile formed channel steel box 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 (355 x 254 x 114mm) -

OPTIONAL ACCESSORIES:

- Side and rear rubber style weather seals
- Side and rear nylon brush weather seals
- 18" (457mm) long lip
- Pour-in pan (dock leveler welded to a steel pan, allowing it to be "poured in place" after concrete slab is poured)
- 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

Loading Dock Equipment

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

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shall be 4" (101mm) 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