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BLUE GIANT EQUIPMENT CORPORATION

**'A' SERIES DOCK LEVELER
 MODEL 'FHE' – HYDRAULIC
 SPECIFICATIONS:**

Dock Leveler shall be hydraulic Model _____ comes complete with hydraulic lip and deck cylinders 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
A686FHE	72"	75 1/2"	74"	61 1/4"
A688FHE	72"	99 1/2"	74"	85 1/4"
A6810FHE	72"	123 1/2"	74"	109 1/4"
A6812FHE	72"	147 1/2"	74"	133 1/4"
A6686FHE	78"	75 1/2"	80"	61 1/4"
A6688FHE	78"	99 1/2"	80"	85 1/4"
A66810FHE	78"	123 1/2"	80"	109 1/4"
A66812FHE	78"	147 1/2"	80"	133 1/4"
A786FHE	83"	75 1/2"	85"	61 1/4"
A788FHE	83"	99 1/2"	85"	85 1/4"
A7810FHE	83"	123 1/2"	85"	109 1/4"
A7812FHE	83"	147 1/2"	85"	133 1/4"
Capacities available: 30,000 / 35,000 / 40,000 / 45,000 / 50,000 / 60,000 / 80,000lb				

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. Electro-hydraulic 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: Hydraulically powered lip. 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:

Hydraulic Operating System: Easy to operate, quiet and smooth cycling. Electro-hydraulic raising and hydraulic lowering of the dock leveler controlled from a remote single or multi (pending model specified) pushbutton station. Includes means of lowering the dock leveler below platform level. The loaded ramp's free fall is limited to not over 3" (76mm) by a hydraulic velocity fuse. Unit shall come complete with a 1HP, totally enclosed fan cooled (TEFC) motor and equipped with overload protection. Power pack mounted underneath the deck.

Remote Push-button control station: Provide a single operation push button control station with constant pressure " 1 " (UP), and thermal "R" (RESET) button. Control station is NEMA4 (water and dust tight) rated, 3 1/4"W x 6 1/2"H x 5 1/8"D (83 x 165 x 130mm) in size.

RATED CAPACITY:

Welding procedure compliant with A.W.S.D.1.1 98 specifications. All units rated in compliance with ANSI MH14.1. UL approved electrical components. Capacities available from 30,000lb to 80,000lb (13,636kg to 36,370kg). Structural deck support to include minimum six each high-tensile solid steel I-beam members.

SAFETY DEVICES:

- Full operating range metal toe guard protection
- Hydraulic velocity fuse "fall safe" to limit free fall up to 3" (76mm)
- 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.



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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 'FHE' – HYDRAULIC

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

OPTIONAL ACCESSORIES:

- Foam insulation underside of deck
- Side and rear rubber style weather seals
- Side and rear nylon brush weather seals
- 18" to 24" (457mm to 610mm) long lips
- Remote mounted power pack on 24' (7,315mm) hydraulic hose
- Automatic dock leveler return to cross traffic position
- 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
- Specify power supply voltage
- Vehicle restraint to keep trailer securely stationed at the loading dock