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BLUE GIANT EQUIPMENT CORPORATION

'A' SERIES DOCK LEVELER
MODEL 'FH' – 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 |
| A686FH | 72" | 75 1/2" | 74" | 61 1/4" |
| A688FH | 72" | 99 1/2" | 74" | 85 1/4" |
| A6810FH | 72" | 123 1/2" | 74" | 109 1/4" |
| A6812FH | 72" | 147 1/2" | 74" | 133 1/4" |
| A6686FH | 78" | 75 1/2" | 80" | 61 1/4" |
| A6688FH | 78" | 99 1/2" | 80" | 85 1/4" |
| A66810FH | 78" | 123 1/2" | 80" | 109 1/4" |
| A66812FH | 78" | 147 1/2" | 80" | 133 1/4" |
| A786FH | 83" | 75 1/2" | 85" | 61 1/4" |
| A788FH | 83" | 99 1/2" | 85" | 85 1/4" |
| A7810FH | 83" | 123 1/2" | 85" | 109 1/4" |
| A7812FH | 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 with independent control of deck and lip.

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, controlled independently of main deck cylinder. 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.

Automatic dock leveler return to cross traffic position: From the raised or lowered positions, unloaded ramp can automatically return to stored cross-traffic position, upon truck's departure.

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 multi pushbutton station. Includes means of lowering the dock leveler below platform level with lip retracted behind dock bumpers. 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 multiple push button control station with constant pressure "UP", "LIP" and thermal "RESET" buttons, "MANUAL/AUTO" two position selector switch and push/pull mushroom style "STOP" button. Control station is NEMA12 (dust tight and drip proof) rated, 8 3/4"W x 11 1/2"H x 7 1/4"D (222 x 292 x 184mm) in size w/ English/Spanish/French instructional language.

RATED CAPACITY:

Welding procedure compliant with A.W.S.D1.1 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



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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 'FH' – HYDRAULIC

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

OPTIONAL ACCESSORIES:

- Foam insulation underside of deck
- Side and rear rubber style weather seals
- Side and rear nylon brush weather seals
- 18" to 24" (457 to 610mm) long lips
- Remote mounted power pack on 24' (7,315mm)hydraulic hose
- 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