

**'U' SERIES HYDRAULIC DOCK LEVELER SPECIFICATIONS:**

Dock Leveler shall be hydraulic **Model** \_\_\_\_\_ comes complete with hydraulic lip and deck cylinders and rear fixed hinge with 4" (101mm) lateral ramp flex 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
HU6006	72"	75 1/2"	74"	61 1/4"
HU6008	72"	99 1/2"	74"	85 1/4"
HU6010	72"	123 1/2"	74"	109 1/4"
HU6606	78"	75 1/2"	80"	61 1/4"
HU6608	78"	99 1/2"	80"	85 1/4"
HU6610	78"	123 1/2"	80"	109 1/4"
HU7006	83"	75 1/2"	85"	61 1/4"
HU7008	83"	99 1/2"	85"	85 1/4"
HU7010	83"	123 1/2"	85"	109 1/4"
<b>Capacities available: 30,000 / 35,000 / 40,000 / 45,000 lb</b>				

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:** Leveler shall have deck flex up to 4" to compensate for non-level trailer beds. Rear hinge fixed and does not come up above floor level.

**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 control 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 motor. Power pack mounted underneath the deck.

**Two control station options are available (select one):**

**Remote touch button control station:** The Blue Genius™ Gold Series I is a multiple touch button control station with constant pressure "DECK", and "LIP" touch buttons. It has a NEMA4X/IP65 (wet and corrosion resistant) rated polycarbonate enclosure. Overall dimensions 11 1/4"L x 7 1/2"W x 5 1/2"D (287 x 190 x 140mm) with programmable multi instructional languages.

**Remote push-button control station:** Provide a single operation push button control station with constant pressure "I" (UP) button. Control station is NEMA4X/IP65 rated, 3 1/4"W x 6 1/2"H x 5 1/8"D (83 x 165 x 130mm) in size.

**RATED CAPACITY / DESIGN:**

Welding procedure compliant with ANSI AWS D1.1 (2008) specifications. All units rated in compliance with ANSI MH30.1 (2007). ANSI/NFPA70 approved electrical components. Capacities available from 30,000lb to 45,000lb (13,636kg to 18,144kg). Structural deck support to include minimum six each high-tensile solid steel U-beam members.

**VOLTAGE SELECTIONS:**

- 115V / 1PH Range: 110-130 / 50-60Hz
- 230V / 1PH Range: 208-240 / 50-60Hz
- 230V / 3PH Range: 208-240 / 50-60Hz
- 460V / 3PH Range: 380-480 / 50-60Hz
- 575V / 3PH Range: 575-600/ 60Hz

**SAFETY DEVICES:**

- Full operating range metal toe guard protection in high visibility colour
- 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
- 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:**

- 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
- 24" (609mm) long lip
- Remote mounted power pack on 24' (7,315mm)hydraulic hose
- 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
- Standard oil (temperature range of -41 to 200°C)
- Arctic oil (temperature range of -57 to 150°C)-recommended for temperatures below minus 7°C / 18°F
- Biodegradable oil (temperature range of -36 to 230°C)in lieu of standard hydraulic oil –environmentally friendly
- Three wheel forklift center deck support
- Blue Genius™ advanced communication package (includes LED interior red/yellow/green and exterior red/green traffic lights and driver warning signs) with security features (activate / deactivate via code)
- Assured motion float (4" / 101mm) maintained deck tilt
- Auto-Return: automatic ramp return should the vehicle depart unexpectedly