

# Loading Dock Equipment

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

# BLUE GIANT®

## 'U' SERIES VERTICAL STORING HYDRAULIC DOCK LEVELER SPECIFICATIONS:

Vertical Storing Dock Leveler shall be hydraulic **Model VU**\_\_\_\_\_ and come complete with hydraulic lip and deck cylinders and fixed rear hinge as manufactured by BLUE GIANT.

MODEL	DECK WIDTH		DECK LENGTH w/ 16" / 406mm LIP		PIT WIDTH	PIT LENGTH		PIT DEPTH + 1/2" (15mm) slope			
	inches	mm	inches	mm		inches	mm	inches	mm	inches	mm
VU6005	72"	1829	60"	1524	Continuous	45 1/2"	1158	11 1/4"	286	10 3/4"	273
VU6006	72"	1829	72"	1829		57 1/2"	1461	11 1/4"	286	10 3/4"	273
VU6606	78"	1981	72"	1829		57 1/2"	1461	11 1/4"	286	10 3/4"	273
VU7006	83"	2108	72"	1829		57 1/2"	1461	11 1/4"	286	10 3/4"	273
VU7008	83"	2108	96"	2438		81 1/2"	2070	11 1/4"	286	10 3/4"	273
<b>Capacities available:</b> 30,000 / 35,000 / 40,000 / 45,000 lbs 13,636 / 15,909 / 18,181 / 20,454 kgs <b>Additional model sizes and capacities available – consult factory</b>											

### TYPE:

Recessed, pit installed hinged dock leveler in vertical storing. Electro-hydraulic operated with independent control of deck and lip.

### FUNCTION:

**Vertical Travel:** Working range of 12" (305mm) above and 6" (152mm) below dock level.

**Automatic Vertical Compensation:** Unit provides float of 12" (305mm) above and 6" (152mm) below dock level.

**Lip Operation:** Hydraulically powered lip (single-acting cylinder) controlled independently of main deck (double-acting) cylinder. Lip will yield under impact of incoming truck. 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 multi touch-button station. Includes means of lowering the dock leveler below platform level with lip retracted behind dock bumpers. Unit shall come complete with a 1HP motor. Power unit remote mounted and comes with wall mounting bracket and 18' (5486mm) of hydraulic hose.

**Remote Touch Button Control Station:** The Blue Genius™ Gold Series I is a multiple touch-button control station with constant pressure "DECK", "LIP", "DOWN" buttons. 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.

### 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. Standard capacities available in 30,000lb, 35,000lb, 40,000lb, and 45,000 lbs (13,636kg, 15,909kg, 18,144kg, and 20,454 kg). Structural deck support to include minimum six each high-tensile solid steel U-beam members.

### SAFETY DEVICES:

- 3" (76mm) high run off guards
- Hydraulic fall safe (velocity fuse) to limit free fall.
- Maintenance stand that supports deck and enables safe underdeck inspections and maintenance.
- Beveled lip

### 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

### FINISH AND COLOR:

Unit painted blue. High visibility OSHA safety striping on beveled toe guards at sides.

### 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:

- Two model DB412 laminated bumpers 14"W x 20"H x 4.5"D (355 x 508 x 114mm)
- Two 701-VE412-11 vertical bumper riser mounting, 11" (279mm) with hardware
- Rear frame supplied with vertical leveler for embedment into concrete
- 16" (406mm) lip

# Loading Dock Equipment

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

**BLUE GIANT®**

## **OPTIONAL ACCESSORIES:**

- 18" (457mm) long lip
- 20" (508mm) long lip
- Hot dipped galvanizing (deck and rear frame)
- Stainless steel lip and rear hinge pins
- 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)