

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

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

MODEL	DECK WIDTH	DECK LENGTH w/ 16" LIP	PIT WIDTH	PIT LENGTH	PIT DEPTH + ½" (15mm) slope	
					Front	Rear
VU6005	72"	60"	Continuous	45 ½"	11 ¼"	10 ¾"
VU6006	72"	72"		57 ½"	11 ¼"	10 ¾"
VU6008	72"	96"		81 ½"	11 ¼"	10 ¾"
VU6606	78"	72"		57 ½"	11 ¼"	10 ¾"
VU6608	78"	96"		81 ½"	11 ¼"	10 ¾"
VU7006	83"	72"		57 ½"	11 ¼"	10 ¾"
VU7008	83"	96"		81 ½"	11 ¼"	10 ¾"
Capacities available: 30,000 / 35,000 / 40,000 / 45,000 lb Additional model sizes and capacities available – consult factory						

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 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 push-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' (5,486mm) 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 11¼"L x 7½"W x 5½"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)
- Rear frame supplied with vertical leveler for embedment into concrete
- 16" (406mm) lip

OPTIONAL ACCESSORIES:

- 18" (457mm) long lip
- 20" (500mm) long lip
- Raised bumper brackets
- 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) with security features (activate / deactivate via code)