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**BLUE GIANT EQUIPMENT CORPORATION**

**VERTICAL STORING DOCK LEVELER**

**MODEL 'VS' – HYDRAULIC**

**SPECIFICATIONS:**

Vertical Storing Dock Leveler shall be hydraulic Model \_\_\_\_\_ comes complete with hydraulic lip and deck cylinders as manufactured by BLUE GIANT.

MODEL SIZE REF	DECK WIDTH	DECK LENGTH w/ 16" LIP	PIT WIDTH	PIT LENGTH	PIT DEPTH + ½" (15mm) slope
VS605FH	72"	60"	Continuous	45 ½"	10 ½"
VS606FH	72"	72"		57 ½"	10 ½"
VS705FH	83"	60"		45 ½"	10 ½"
VS706FH	83"	72"		57 ½"	10 ½"
VS708FH	83"	96"		81 ½"	10 ½"

**Capacities available:**

30,000 / 35,000 / 40,000lb

**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 (double acting cylinder) controlled independently of main deck 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 totally enclosed and equipped with overload protection. Power unit remote mounted and comes with wall mounting bracket and 18' (5,486mm) of hydraulic hose.

**Remote push-button Control Station:** Provide a multiple push button control station with constant pressure "UP", "LIP OUT", "DOWN" and thermal "RESET" buttons. Control station is NEMA12 rated, 8 ¾"W x 11 ½"H x 7 ¼"D (222 x 292 x 184mm) in size).

**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. Standard capacities available in 30,000lb and 35,000lb (13,636kg and 15,909kg). Structural deck support to include minimum six each high-tensile solid steel I-beam members.

**SAFETY DEVICES:**

- Mechanical lock mechanism to lock dock in vertical position
- 3" (76mm) run off guards
- Corner safety stops
- Safety maintenance strut, integral to unit
- Chamfered lip

**FINISH AND COLOR:**

Unit painted blue. High visibility OSHA safety striping on sides of dock leveler.

**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)



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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 'VS' – HYDRAULIC**

**OPTIONAL ACCESSORIES:**

- 18" to 24" (457mm to 610mm) long lips
- 10" vertical bumper risers
- Arctic oil
- Galvanized finish
- Specify power supply voltage