



85 Heart Lake Road South  
 Brampton, Ontario, Canada L6W 3K2  
 Phone: 905-457-3900 • Fax: 905-457-2313

**BLUE GIANT EQUIPMENT CORPORATION**

**'XDS' SERIES DOCK SAFETY PACKAGE**  
**MODEL 'XDS2000' - HYDRAULIC**  
**SPECIFICATIONS:**

Dock Leveler, Safety Barrier and Vehicle Restraint shall be hydraulic **Model XDS** \_\_\_\_\_ comes complete with hydraulic lip and deck cylinders and 4" (101mm) maintained deck tilt on dock leveler and 7.5" (190mm) high hydraulic roll-off guard/barrier as manufactured by BLUE GIANT.

MODEL	DECK SIZE including Lip	
	W	L
XDS2066	6'	6'3"
XDS2068	6'	8'3"
XDS20610	6'	10'3"
XDS20612	6'	12' 3"
XDS20666	6'6"	6'3"
XDS20668	6'6"	8'3"
XDS206610	6'6"	10'3"
XDS206612	6'6"	12' 3"
XDS2076	7'	6'3"
XDS2078	7'	8'3"
XDS20710	7'	10'3"
XDS20712	7'	12' 3"
<b>Capacities available:</b> 30,000 / 35,000 / 40,000 / 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.

**DOOR & DOCK GUARD**  
**TYPE:**

Electro-hydraulic operated solid steel barrier incorporated into the deck designed to protect forklifts from accidental roll-off when the overhead door is open and protects overhead door panels and tracks from impact damage when the door is closed. Overall dimension 7.5" (190mm) high x full width of deck less 6" per side x minimum 3/8" thick high tensile steel checker plate.

**OPERATION:**

**Hydraulic Operating System:** Easy to operate, quiet, smooth and automatic cycling. Door and Guard is kept in the upright by upward biased spring tension and is retracted with power down hydraulics. Upon cycling of the dock leveler, the guard automatically retracts and lies flush with the deck providing unobstructed flow of traffic. When the dock is cycled and returned to stored position, the guard automatically returns to the upright position. Supervisor override key switch with indicator light provided on the control station for end-loading and ground level hand bombing requirements.

**DOCK LEVELER**

**TYPE:**

Recessed, pit installed hinged dock leveler comes with automatically operated roll off guard/barrier. Electro-hydraulic operated with independent control of deck and lip.

**DOCK LEVELER 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 vehicle beds.

**Lip Operation:** Hydraulically powered lip, controlled independently of main deck cylinder. Lip will yield under impact of incoming vehicle and will automatically drop pendant upon vehicle'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 vehicle'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 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 c/w supervisor key over



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ride and signal light for door and dock guard. Control station is NEMA12 rated, 10"W x 12"H x 5"D (254 x 304 x 127mm) in size w/ English/Spanish/French instructional language.

### **MODEL 'XDS2000' - HYDRAULIC**

**Communication System:** Interior override indicator light for door and dock guard to signal guard is temporarily down during unique loading/offloading applications. The light will illuminate constant when the override key has been activated.

### **RATED CAPACITIES:**

Welding procedure compliant with A.W.S.D1.1 98 specifications. All units rated in compliance with ANSI MH14.1. UL approved electrical components. Dock Leveler capacities available from 30,000lb to 80,000lb (13,636kg to 36,363kg). Structural deck support to includes minimum six each high-tensile solid steel I-beam members. Door and Dock Guard rated to stop 10,000lb (4,545kg) rolling loads at 4 MPH (6 KMH).

### **SAFETY DEVICES:**

- Key switch override
- Dock leveler and restraint interlocks to prevent cycle of dock until restraint engaged and to prevent release of dock until restraint returned to stored position
- 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

### **FINISH AND COLOR:**

**Dock Leveler:** 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. **Door & Dock Guard:** Painted high visibility safety yellow.

### **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)
- Supervisor key override
- Manual override (to lower the restraining arm in event of power failure)

### **OPTIONAL ACCESSORIES:**

- Foam insulation underside of deck
- Side and rear rubber style weather seals
- Side and rear nylon brush style weather seals
- 18" to 24" (457mm to 609mm) long lips
- 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 - dock
- Overhead door interlock switch
- Specify power supply voltage