



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

BLUE GIANT EQUIPMENT CORPORATION

VEHICLE RESTRAINT **MODEL 'ML-10' - MECHANICAL** **SPECIFICATIONS:**

Vehicle restraint shall be Model ML-10 as manufactured by BLUE GIANT.

TYPE:

Manually operated non-impact design. Overall body dimension 10"W x 19"L x 10 ¾"H (254 x 483 x 273 mm) plus back mounting plate.

FUNCTION:

Vertical Restraining Range: From 11" to 29" (279mm to 737mm) above grade.

Horizontal Restraining Range: From 0" to 13" (330mm) beyond the face of the dock.

Mounting System: Dock face mounting using 6 wedge anchor bolts, 5/8" dia. x 6" long (16 x 152mm). Transfer of pulling force to driveway improves restraining strength by equalizing forces on anchors. Trailers rear impact guard (ICC bar) during backing in does not impact restraint body.

OPERATION:

Operating System: Dock attendant deploys and releases restraint arm manually with control handle supplied with unit.

Communication Sign Package (Standard): Exterior driver warning sign.

Communication Lights System (Optional): Includes exterior direct and mirror image driver's warning signs. Control station includes red and green indicator lights and shall be NEMA12 (oil and dust resistant) rated with "ON", "OFF" and "FLASHER" toggle switch. Overall dimension of control station is 8"W x 10"H x 5 ½"D (203 x 254 x 140mm). **LED Traffic Lights:** The housing shall be a one-piece molded yellow polypropylene with protective tunnel visors. The lenses shall be 4 ¼" (107mm) diameter of red and green color. Overall body 6 3/8"W x 11 3/8"L x 3 3/4"D (161 x 289 x 95mm) in size.

RATED CAPACITY:

Welding procedure compliant with A.W.S.D1.1 98 specifications. The ML-10 unit provides restraint strength 30,000lb (13,600kg) and mounting force of 75,000lb (34,090 kg).

FINISH AND COLOR:

Welded structural steel housing. Restraining arm is constructed of 1" (25mm) thick steel. To resist corrosion and reduce maintenance, housing is zinc plated and main hinge pin is made of stainless steel.

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.

OPTIONAL ACCESSORIES:

- Automatic light communication package with driver warning signs
- Manual light communication package with driver warning signs
- Extension plates to suit projected dock leveler pits and edge of dock levelers