



# PIONEER LOADING DOCK EQUIPMENT

## Bar Lift (BL) Edge of Dock Leveler Architectural Specifications

### A. Manufacturer

1. Design is based on products manufactured by;

PIONEER Loading Dock Equipment  
740 Beechcroft Rd.  
Spring Hill, TN 37174  
800-251-3382  
(931) 486-2296

2. Type: Loading dock leveler shall be fully mechanical Bar type activation with torsion spring lift assist.

### B. Product Characteristics: Dock Levelers

1. Product: Fully mechanical Edge of Dock leveler – Model BL\_\_\_\_
2. Size: \_\_\_\_\_" wide with an overall span (dock to truck bed) of 27 ¾".
3. Capacity: 20,000 lbs. (25, 30 & 30,000 lb. capacities also available)
4. Construction: Center plate and lip plate shall be 3/8" thick, 55,000 lb. minimum yield steel tread plate. Lip hinge pin shall be totally enclosed supported by hinge tubes with grease fittings. The lip hinge tubes shall be supported by a full width, ½" x 2 ½" distribution bar. No partial bar will be accepted.
5. Operation: Conveniently located Cantilever Style recessed handle provides easy activation of center plate and lip. Lip to automatically extend and engage truck bed when Bar is pushed forward.
6. Lift Assist: Provide Torsion Spring lift assist with sufficient sizing as to allow operation of unit with no more than 28 – 34 lbs. lifting torque required. Provide single point adjustment capability. Levelers and warranty shall meet or exceed the performance requirements of CS202-56, O.S.H.A. and ANSI MH-14.1. 1 – 1984.
7. Bumpers: Two per dock leveler.