



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 $\frac{3}{4}$ ".
3. Capacity: 20,000 lbs. (25, 30 & 30,000 lb. capacities also available)
4. Construction: Center plate and lip plate shall be $\frac{3}{8}$ " 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, $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " 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.