ARCHITECTURAL SPECIFICATIONS

GENERAL
The BX3 Series pit mounted air dock levelers are available in one conventional heavy duty style.

BX3 Series - Two movement with 16° hinged flip lip.

DESCRIPTION
Adjustable air dock leveler with two movements, (1) Up, (2) Down. Dock leveler to be installed in pit and/or affixed to loading platforms and to compensate for uneven heights between the truckbed and the dock.

SCOPE
This specification describes a manual operated, adjustable mechanical dock leveler, to be installed in a pit and/or affixed to loading platforms and to compensate for uneven heights between the truckbed and the dock.

OPERATION
The Beacon BX3 air dock leveler is simple to operate and is activated by push button release, fully mechanical. Counter balance system is powered by exclusive direct extension spring method. The lift will extend and lock in position automatically when the dock ramp is activated. To unlock the leveler, simply walk the unit down, the unit will rest on the truck bed and the lock will automatically release. Our yieldable lip allows the lift to close quietly, automatically and yield upon impact. To retract legs for below dock service, pull up on the chain assembly in front center of dock and walk the unit down to the level that is needed. In case of power outage or conveniently located pull chain, allows for manual activation.

Easy Installation
Factory air can be utilized or optional compressor can be mounted above open, next to door, or in a remote location. One hundred feet of air line is provided with each unit.

CONSTRUCTION
The capacities of the BX3 are available in 25,000, 30,000, 35,000, 40,000 and 45,000 lb. Structural C channel deck support beams are 100% welded to the back of the header plate; each under 6 models and 8 each under 7 models. Dock leveler frame thickness varies from ½" thick and the lip shall be ½" or ¼" (see chart capacities). Lip Hinge and Deck assembly shall be seamless tubing with a cold roll 1045 steel rod. Dock and Lip shall be 55,000 minimum yield steel trestle plate. Grease fittings on lip hinges are standard. All levelers include fork entry slots and lifting holes in the side plates for ease of handling during shipping and installation.

SAFETY EQUIPMENT
RAMP SIDES. The sides of the ramp shall be provided with steel safety toe guards. The Beacon lip keepers are installed for your protection while in storage, at installation and for night security along with providing safe and secure cross traffic support. Dual safety legs provide 16½" below dock control points. A maintenance strut is provided with each leveler. Two 4" x 10" x 13" molded dock bumpers shall be supplied with each dock leveler.

OPTIONAL FEATURES
- Hydra Lip (lip assist sr. & 2 shock absorbers).
- Full Range Toe Guards.
- Weather Seals.
- 1½" Above dock service range (12 models only).
- Below Dock Control (lip push-out device).
- Lip 18" (14" projection) Lip assist.
- Lip 20" (16" projection) Lip assist.
- Base Frame Deep Pit Anchor Kit (4" channel for 23" deep pit) welded at factory.
- Remote Hydraulic Air Pump
- Foam insulation.
- Abrasive Surface.
- Self-forming pan with bottom (leveler welded in).
- EZ Pan (Self-forming) assembled at job site.
- Pit Curb Angle Kit.
- Yellow & Black Diagonal Stripping on Sides.

PAINT
Beacon Grey

OWNERS MANUAL
Owners Manual comes with each unit, including General Information, Pit preparation, Leveler preparation, Anchoring Instructions, Operating Instructions, Troubleshooting, Parts List.

WARRANTY
The BX3 Series comes with a Limited Warranty - 3 years on structural members and main springs, 1 year on mechanical and miscellaneous parts.