POWERAMP®

EDGE-OF-DOCK LEVELERS

Mechanically & Hydraulically-Operated

GENERAL DESCRIPTION

POWERAMP edge-of-dock levelers mount to dock face and provide a working range of 5" above to 5" below dock. The units are offered with mechanical or hydraulic operation (see below).

Deck and lip are constructed with high strength steel safety tread plate, 55000 psi (or better) minimum yield. Extended life bumpers are molded of first quality rubber. Bumper blocks are made of 5/16" steel with a full length, reinforcing center gusset. Long life hinges include grease fittings throughout.

MECHANICALLY-OPERATED MODELS

POWERAMP mechanically-operated edge-of dock levelers are the largest selling edge of-dock levelers in the industry. Our dual extension spring lift mechanism offers proven efficiency and durability. Careful engineering and rugged construction ensure extended life. Operation is safe and easy.

NEVERLIFT™

Offered as an option on most of our edge-of dock levelers, NEVERLIFT is a lever-assisted operating mechanism that reduces operation to two simple and easy strokes: pull the lever back about 50°, then return it to the origional vertical position. No lifting, bending at the back, difficult pushing, or leaning over the dock edge is required - ever.

HYDRAULICALLY-OPERATED MODELS

POWERAMP hydraulically-operated models offer the convenience and safety of push-button control. Our hydraulic design is superior for many reasons. It offers power extension and retraction of the lip and deck. The hydraulic lip lock automatically releases upon contact with a trailer or lip keepers, and safely yields upon impact from trucks. (Patents awarded and pending.) The lip and deck have separate cylinders. Our exclusive speed control adjusts leveler descent speed.

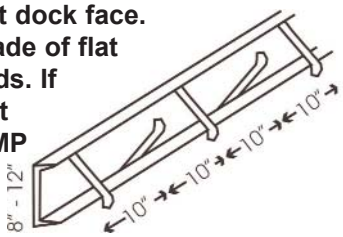
SIMPLE MAINTENANCE AND ADJUSTMENTS

Properly installed and operated, periodic lubrication is the only routine maintenance. On mechanical models, counterbalance is easily adjustable via nuts located on the lifting mechanism. On hydraulic models, a front mounted control adjusts descent speed. Hydraulic fluid is commonly available, Dexron II®ATF.

INSTALLATION

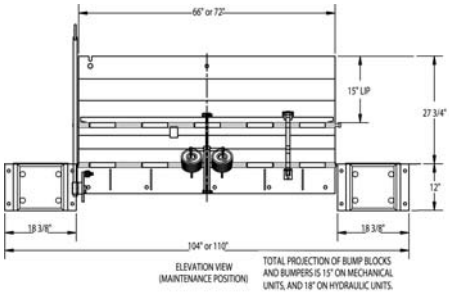
For an existing dock without a minimum 8" channel, an optional ramp approach plate or formed angle from POWERAMP is highly recommended. For new construction, the leveler should be welded to a dock edge channel which is embedded in concrete and secured by anchoring hooks as shown. Installation drawings are available.

For new construction, weld leveler to POWERAMP dock edge anchoring channel embedded in concrete at dock face. Anchoring hooks are made of flat straps, not re-bar or studs. If anchoring channel is not installed, use POWERAMP ramp approach plate.



SIZE SELECTIONS

POWERAMP edge-of-dock levelers are offered in a variety of sizes to accommodate your specific application.



Total projection of bumper blocks and bumpers is 15"on mechanical units and 18" on hydraulic units.

Nomenclature	Operating Mechanism	Width	Span	Lbs. Capacity
CEOD-6615	Mechanical	66”	27 ¾”	20000
CEOD-7215	“	72”	“	20000
CEOD-7815-NL	NeverLift	78”	“	20000
CEOD-6615-25K	Mechanical	66”	“	25000
CEOD-7215-25K	“	72"	“	25000
CEOD-6615-NL-30K	NeverLift	66"	“	30000
CEOD-7215-NL-30K	“	72"	“	30000
CHEOD-6615	Hydraulic	66'	30“	20000
CHEOD-6615-25K	“	66"	“	25000
CHEOD-6615-30K	“	66"	“	30000
CHEOD-7215	“	72"	“	20000
CHEOD-7215-25K	“	72"	“	25000
CHEOD-7215-30K	“	72"	“	30000

Mechanical models have dual extension spring lift mechanism, the industry standard. Hydraulic models are fully automatic with two or three cylinders, depending on capacity. Additional sizes and capacities available on request.

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What capacity do you need?

Many factors influence your need for specific capacity dock leveler:

- Weight of the forklift truck and its load.
- Number, size, and type of wheels/tires on the forklift truck.
- Speed at which the forklift truck is driven.
- Angle of incline during operation of the leveler.
- Number of times a loaded forklift truck will travel over the leveler in a day.

Consult factory for ANSI guidelines.

OPTIONS

- ❑ 17" lip for working refrigerated trailers only.
- ❑ (15" lip is standard.)
- ❑ Rust-inhibiting primer coat.
- ❑ Gray bumper blocks.
- ❑ Floating Bumper BlocksTM .
- ❑ 18" tall bumper blocks (12" standard).
- ❑ 14" wide bumper blocks (10" standard).
- ❑ Low-profile design.
- ❑ U.S. Post Office model with run-off guard.
- ❑ Tapered lip (tapered at sides).
- ❑ Recessed installation package (for use in a pre-formed mini-pit).
- ❑ Recessed installation package (including pan for pit forming).
- ❑ Torsion spring lift mechanism as substitute for dual extension springs.
- ❑ Torsion spring lift mechanism with lip assist arm as substitute for dual extension springs.
- ❑ Dock edge anchoring channel for embedding (see illustration), 10' length. **Highly recommended for new construction.**
- ❑ Ramp approach plate, 1/4"x 12" x 120" with anchor bolts.
- ❑ Ramp approach plate, 1/4"x 18" x 120" with anchor bolts.
- ❑ Ramp approach plate, 3/8"x 12" x 120" with anchor bolts.
- ❑ Ramp approach plate, 3/8"x 18" x 120" with anchor bolts.
- ❑ Ramp approach plate, 3/8"x 24" x 120" with anchor bolts.
- ❑ Face plate, 1/4"x 9" x 120" with anchor bolts.
- ❑ Face plate, 1/4"x 12" x 120" with anchor bolts.
- ❑ Face plate, 1/4"x 18" x 120" with anchor bolts.
- ❑ Formed angle, 1/4"x 8" x 10" x 120".
- ❑ Formed angle, 1/4"x 8" x 10" x 120"with break.
- ❑ Formed angle, 1/4"x 12" x 14" x 120".
- ❑ Formed angle, 1/4"x 12" x 14" x 120" with break.
- ❑ Custom plates and angles available, consult factory.

ARCHITECTURAL SPECIFICATIONS

(Mechanically -Operated Models)

MechanicallY-operated edge-of-dock leveler to have _____ lb. capacity, _____" width, _____" workable span, working range of± 5" from dock, and to mount to dock face without concrete pit forming. To have deck and lip of high-strength steel safety tread plate, 55000 psi(or better) minimum yield. To include two 4" x 12" x 14" rubber bumpers attached to bumper blocks of 5/16"steel plate. To have _____ lift mechanism, lifting hook, and to automatically retum to stored position when not in use. To be painted machinery gray with (gray) (orange) bumper blocks. To meet or exceed all CS202 and ANSI 14.1 load requirements at time of publication. To be POWERAMP Model _____.

(Add the following to specify NEVERLIFT option)

To include NEVERLIFfroller bearing mechanism for lever-assisted operation without lifting, back bending, or leaning over dock edge. Lever to be selfstoring or removable for remote storage.

ARCHITECTURAL SPECIFICATIONS

(Hydraulically-Operated Models)

Hydraulically-operated edge-of-dock leveler to have _____ lb. capacity, _____" width, _____" workable span, working range of± 5" from dock, and to mount to dock face without concrete pit forming. To have deck and lip of high strength steel safety tread plate, 55000 psi (or better) minimum yield. To include two 4" x 12" x 14" rubber bumpers attached to bumper blocks of 5/16"steel plate. To have NEMA 12 push-button control of 120Y IP enclosed unitized pump motor and valve assembly, adjustable descent speed, separate cylinders for lip and deck, and to automatically return to stored position when not in use. To include automatic, yieldable, hydraulic lip lock. To be painted machinery gray with (gray) (orange) bumper blocks. To meet or exceed all CS202 and ANSI 14.1 load requirements at time of publication. To be POWERAMP Model _____.

Due to continued product improvement and changes in industry standards, POWERAMP reserves the right to change specifications without notice or obligation.

Edge-of-dock, top-of-dock, and pit-mounted levelers ... no matter which type of leveler you need, POWERAMPoffers you the best engineering, highest quality, and greatest value. Call POWERAMP for your every dock leveler need.

POWERAMP®

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