

HYDRAULIC EDGE OF DOCK LEVELER



**HED7220 shown with dual cylinders*



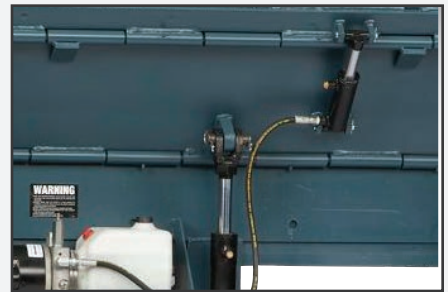
- ▶ Bridges the gap between building and truck where a minimal variance exists between dock and truck with a recommended working range of +/-3" and a maximum operating range of +/- 5" above and below dock level.
- ▶ Standard Nema 4 single push button control for easy activation of deck and lip. Utilizes all single phase and three phase power.
- ▶ Service strut for safe maintenance.
- ▶ Quiet dependable operation via two cylinder design with deck and lip cylinders. Motor/pump mounts in readily accessible area on shelf under unit.
- ▶ HED comes complete with automatic and hydraulic restore functions.
- ▶ Made in the USA



McGuire's Nema 4 control panel accepts all single and three phase voltage requirements



Convenient under dock mount of motor/pump with translucent reservoir for ease of maintenance



McGuire dual cylinders provide consistent, smooth operation

OPERATION

The HED uses a hydraulic operation with push-button activation from a wall mounted control panel. The dock attendant simply depresses and holds the raise button on the dock controls to raise the leveler. When the fully yieldable lip extends, the button is released allowing the extended lip and platform to lower onto the trailer bed at either above or below dock position.

The unit can be returned to the stored position using the controls, or the lip can be automatically stored upon the departure of the trailer. The HED has a recommended working range of +/-3" and a maximum operating range of +/-5" above and below dock level. The standard lip is 15" (17" lip available for refrigerated trailers). The HED deck and lip move up and down under hydraulic pressure.

HYDRAULICS & ELECTRICAL

The platform is raised by a hydraulic main cylinder and the lip is controlled by a separate hydraulic lip cylinder. The motor pump is mounted under the HED on a bracket for easy access. The reservoir is translucent for monitoring of the fluid level.

The hydraulic pump motor is 1 HP TENV at 120v or 208v, single phase or at 208v, 230v or 460v three phase. All electrical components, connections and wiring are UL listed or recognized.

SAFETY FEATURES

- HED uses automatic push-button activation, which means no bending, lifting or pulling.
- Solid Steel Gussets provide support when end-loading of a trailer is required.
- Safety Tread Plate on the top of the bumper bracket assembly provides the same skid resistant surface as the deck and lip.

VEHICLE RESTRAINTS AND ACCESSORIES

For a safer loading dock, all McGuire levelers can be equipped with a light communication system and vehicle restraints, which help prevent unexpected trailer departure from the loading dock. Safety barriers are also available to prevent forklift trucks from driving over the dock edge.



CONSTRUCTION

The HED Series has a superior structural criteria for an Edge-of-Dock leveler. Cold-rolled steel hinge pins and secondary steel gussets for added strength and extended life are coupled with a leveler lip and deck constructed from high-strength 55,000 psi minimum yield steel safety tread plate. Grease fittings are also standard throughout the hinge area. This leveler has a maximum Comparative Industry Rating (CIR) of 35,000 lbs.

DOCK BUMPERS

Two heavy duty 4" thick x 12" high x 13" wide molded rubber bumpers as standard are mounted to bumper block assemblies to help protect the deck plate and building from approaching trailers. Bumper block assemblies are constructed of formed steel and incorporate a full height internal gusset for extra support.

HED Series Common Options

- ▶ 17" Lip for Refrigerated Trailers
- ▶ U.S. Post Office Model with 3" Run Off Guards
- ▶ Tapered Lip (Tapered at Sides)
- ▶ Abrasive Deck Surface
- ▶ Low Profile Design (flat Center Plate) Pallet Jack Applications
- ▶ Recessed EOD with Laminated Bumpers(1 pair)(in lieu of standard)
- ▶ Steel Face Bumpers(1 pair)(in lieu of standard)
- ▶ No Bumpers/Bumper Blocks(1 pair)
- ▶ Other Options Available - Consult Factory
- ▶ HLF Series Alternative

Model - Nominal Size

- ▶ HED 66"
- ▶ HED 72"
- ▶ HED 78"
- ▶ HED 84"

Capacity Range 20,000 - 35,000 lbs.



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