

HYDRAULIC EDGE OF DOCK



* 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.
- ▶ 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. Once trailer pulls away unit automatically stores and if trailer stays at dock unit can be stored hydraulically without the need to move trailer.
- ▶ Post office approved with use of 3" high runoff guard for mail cart and personnel protection. Usage of 17" lip allows the HED to service refrigerated trailers

HED SERIES

HYDRAULIC EDGE OF DOCK



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 is controlled remotely from a wall mounted control panel. The platform is raised when the raise push button on the control panel is depressed and held. 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. Upon trailer departure the lip automatically restores itself to the stored position. The unit can also be restored to the stored position with a trailer at the dock. In-use and store positions are achieved without manual operation. Recommended working range of +/-3" and a maximum operating range of +/-5" above and below dock level. Standard lip is 15". (17" lip available for refrigerated trailers) The HED deck and lip move up and down under hydraulic pressure.

SAFETY FEATURES

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

HYDRAULICS

Platform is raised by a main hydraulic cylinder; all hydraulic hoses are safely routed under the HED platform. Lip operation is controlled by a second independent lip cylinder. Motor pump is mounted under HED on bracket for easy access. Reservoir is translucent for monitoring of fluid level.

ELECTRICAL

Hydraulic pump motor is 1 HP TENV at 120v or 208v, single phase or at 208v, 230v or 460v three phase. Electrical control panel is Nema 4 enclosure. All electrical components, connections and wiring are UL listed or recognized. Please Note: Unless specifically noted on quotation, all electrical wiring and wiring requirements are the responsibility of others.

DOCK BUMPERS

Two heavy duty molded 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. Top is safety tread plate. Optional sizes and types are available.

COLOR

Slate Blue is standard. Other colors available, consult factory.

VEHICLE RESTRAINT SYSTEMS

W.B. McGuire HED Series hydraulic edge of dock levelers can be equipped with STOP-TITE® or a HOLD-TITE® series vehicle restraint or a Light Communication System to help prevent unexpected trailer departure from the loading dock and minimize trailer creep during the loading/unloading process and to enhance communication at the dock area. The restraints would be supplied in conjunction with the proper cantilever bracket to maintain proper relationship with the trailer.



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

	MODEL - NOMINAL SIZE	HED CAPACITIES
▶	HED 66"	Available for all sizes
▶	HED 72"	20,000 LBS. CIR
▶	HED 78"	25,000 LBS. CIR
▶	HED 84"	30,000 LBS. CIR
▶		35,000 LBS. CIR

(CIR - Comparative Industry Rating) Sample full model number HED66)

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