

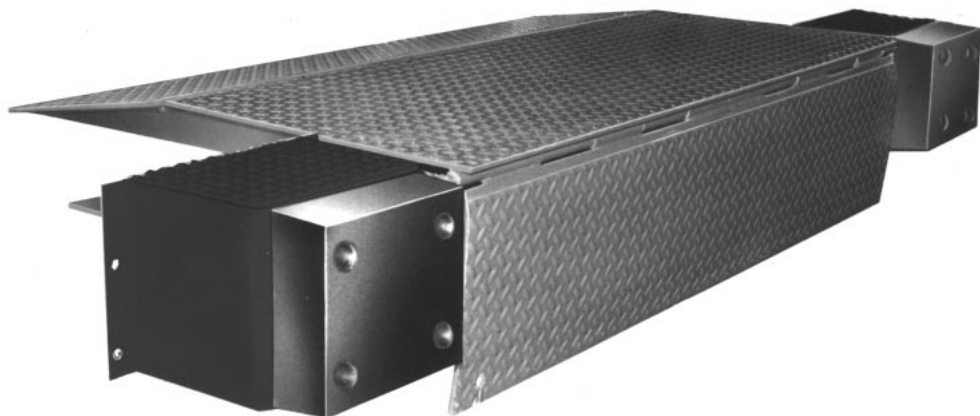
BHTD-72 & BTD-72 Series

Truck Service

TOP-OF-DOCK HYDRAULIC and

MECHANICAL 20,000 and 25,000 lb. CAPACITIES

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ARCHITECTURAL SPECIFICATIONS

GENERAL

The Beacon Top of Docks are available in two different styles.

BHTD-72 Electric-Hydraulic operation.
 BTD-72 Manual operation.

DESCRIPTION

Adjustable Top-of-Dock leveler with two movements: (1) Up, (2) down. Top of Dock leveler to be 5'3" long x 6' wide; 9' overall width. Static Capacity shall be _____ lbs. Platform shall be constructed of floor plate with a substructure reinforcement. Top of Dock leveler serves vehicles with bed heights as much as 10" above dock and 4" below. Lip to extend 12 3/4" beyond bumper face. Ideal for docks that were built below today's standards, or when snow build-up at your dock is a problem. Dock leveler is constructed of 55,000 lb. minimum yield steel tread plate. Units meet with or exceed Federal Occupational Safety and Health Act standard requirements for dock boards dated June 27, 1974, and the American Society of Mechanical Engineers Specification ANSI MH 14.1-1984.

SCOPE

This specification describes a choice of either a hydraulic or manual operated unit to be installed on top of the dock to compensate for uneven heights between the truck bed and the dock.

DIMENSIONS

BHTD-72 HYDRAULIC TOP of DOCK SERIES

MODEL	CAPACITY POUNDS	LIP PROJECT	SPAN INCHES	O.A. WIDTH INCHES	DECK WIDTH	SHIP WT. POUNDS
BHTD-72-20	20,000	12 3/4"	5' 3"	108"	72"	1,096
BHTD-72-25	25,000	12 3/4"	5' 3"	108"	72"	1,172

BTD-72 MANUAL TOP of DOCK SERIES

MODEL	CAPACITY POUNDS	LIP PROJECT	SPAN INCHES	O.A. WIDTH INCHES	DECK WIDTH	SHIP WT. POUNDS
BTD-72-20	20,000	12 3/4"	5' 3"	108"	72"	1,048
BTD-72-25	25,000	12 3/4"	5' 3"	108"	72"	1,124

Note: For Applications with door width of 8' or less, factory recommends BHTD models.

OPERATION

BHTD-72 SERIES HYDRAULIC TOP of DOCK

The Beacon BHTD-72 hydraulic top-of-docks are simple to operate and are single pushbutton remote controlled for all stages. The unit operates with hydraulics. To operate- push the button on the control box located on the wall to raise the deck and lip. The lip will lock when extended. Release the remote pushbutton and the unit will lower to the truck bed floor. To Recycle- activate the remote pushbutton: hold only until the lip section moves rearward and is clear of truck bed, then release button. Unit will go to stored position.

BTD-72 SERIES MANUAL TOP of DOCK

The Beacon BTD-72 manual top-of-dock operates manually. The unit operates with heavy duty torsion spring to provide full lift assist throughout the operating range. To operate- stand beside the unit on the floor or the bump block surface. Place the lifting hook in the lip slot and raise the unit. As lip clears truck bed, pull forward and allow the unit to settle onto the truck bed surface. When the truck pulls away, the unit will return to stored position. The BTD-72 Series unit may be recycled with truck in position.

CONSTRUCTION

The BHTD-72 and BTD-72 Series are both available in 20,000 and 25,000 lb. static capacities. Deck & lip are 3/8" thick (20,000 lb. static capacity) or 7/16" thick (25,000 lb. static capacity) 55,000 lb minimum yield steel tread plate. Molded cord rubber, 4" x 13" x 12" bolted to formed steel bumpers with inside support. 15" Projection from dock. No pit or expensive concrete work required. Mounts on top of the dock with concrete anchors.

BHTD-72 HYDRAULIC - ELECTRICAL SPECIFICATION

Unit furnished with 1 h.p. totally enclosed motor wired for 115V, 208V or 240V, 1 PH, 60 HZ.; or 208 V, 240V or 480V, 3 PH, 60 HZ. as specified. The 1 hp. motor stores under the unit. All operations to be pushbutton controlled from a single prewired Nema 12 wall-mounted remote. All electrical hook-ups by others.

OPTIONAL FEATURES

- 18" vertical bumper height.

PAINT

Beacon Grey

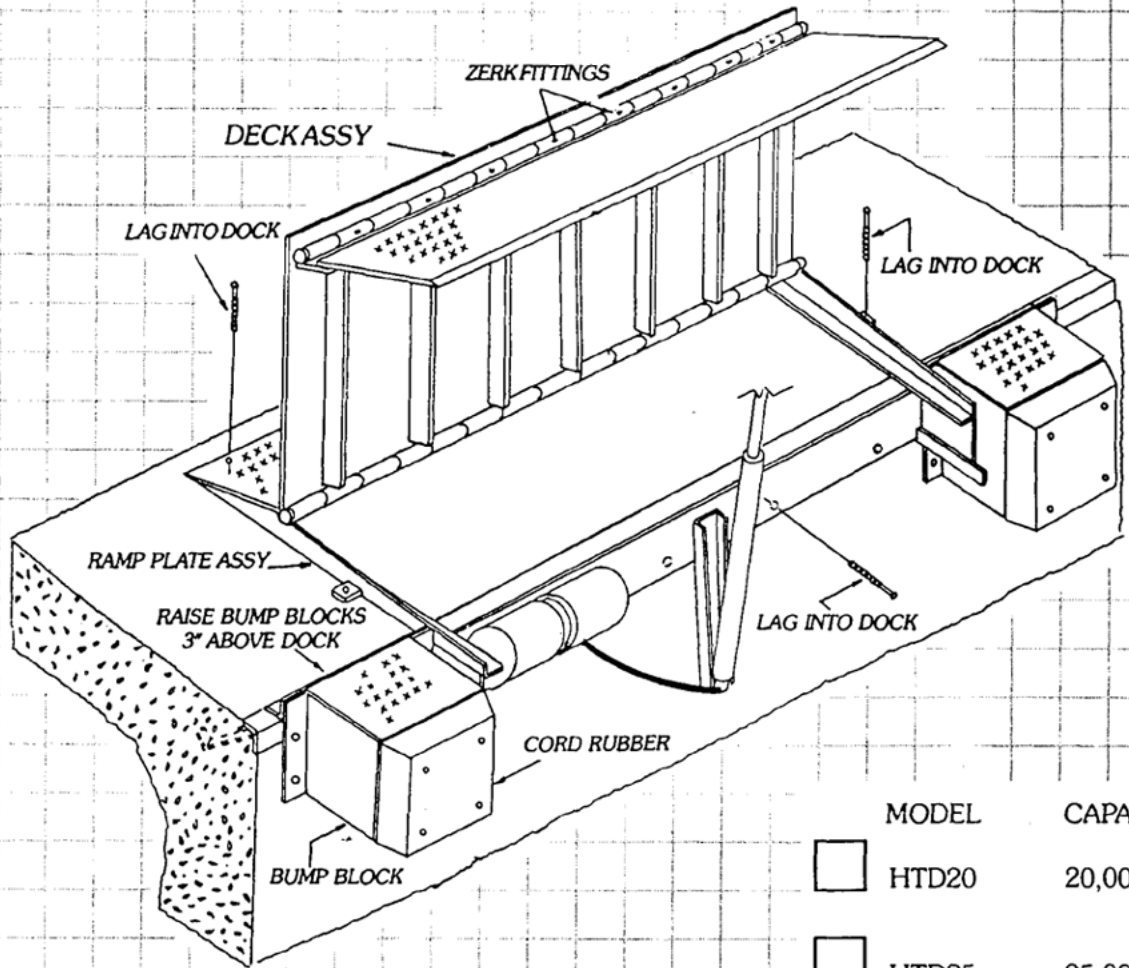
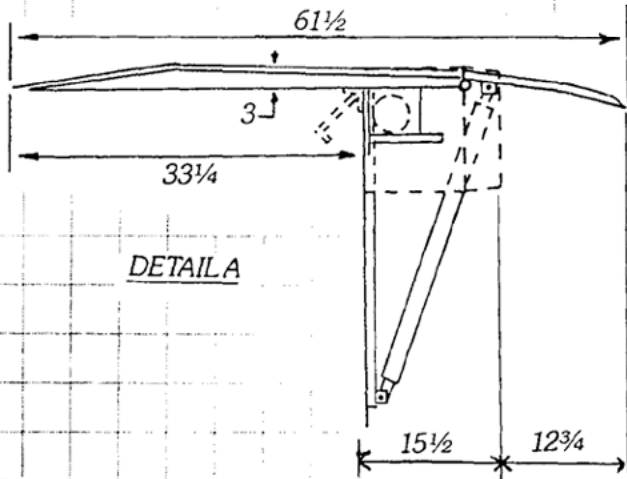
OWNERS MANUAL

Owners Manual comes with each unit, including General Information, Mounting details, Leveler preparation, Anchoring instructions, Wiring Diagram, Operating Instructions, Troubleshooting and Parts List.

WARRANTY

The BHTD-72 & BTD-72 Series comes with a Limited Warranty-2 years on structural members. The BHTD-72 Series comes with one year on hydraulic and electrical components.

TOP OF DOCK LEVELER



OPTIONAL EQUIPMENT

- 18" Vertical bump blocks for low dock heights
- Single Phase, 230V
- 3 Phase Motor
 - 230 Volt
 - 460 Volt
- 4" Underframe*
- 6" Underframe*

*Underframe to be used on exceptionally low dock

MODEL	CAPACITY
<input type="checkbox"/> HTD20	20,000 lbs.
<input type="checkbox"/> HTD25	25,000 lbs.

NOTES STANDARD: Motor - 1 hp. 1 ph. 60 hz.
 BOLT-ON INSTALLATION
 REQUIRES 20 ANCHORS
 5/8" x 5" MINIMUM

TITLE TOP OF DOCK, HYDRAULIC

JOB

**BEACON BHTD-72 SERIES
 HYDRAULIC TOP OF DOCK
 LEVELER PIT DETAIL**