



# Beacon BTAD Series Truck Dock Lift

## Ground Scissor Dock Lift



Medium Duty,  
Electrohydraulic  
3,000 to 5,000 lb.  
Capacity  
For Portable or  
Stationary Surface  
Installation

BTAD-40-606

### Model Number Format

BTAD-40-606  
Series "BTAD" \_\_\_\_\_  
Portable Loading Dock \_\_\_\_\_  
Capacity \_\_\_\_\_  
40 = 4,000 lbs.  
Platform Size \_\_\_\_\_  
606 = 6' W x 6' L

### Description

Beacon BTAD Series Truck Dock Lift is portable loading docks, designed for use wherever a permanently installed unit is not practical. Load capacities are 3,000 to 5,000 lbs., travel distances to 55 in. with platform sizes of 72 x 72 to 72 x 96 in.

Portability of the BTAD Series comes from a detachable dolly jack and flip-up/flip-down wheels to provide 1½ in. underclearance when moving the empty lift.

### Standard Features

- Alternate transfer arrangements easily accomplished
- Internally-mounted 1½HP, 115/230V, 1PH, 60Hz TENV intermittent duty super torque motor. Specify required voltage
- 24V operating control voltage
- NEMA-4X constant-pressure (water-tight, oil-tight and corrosion-resistant) "UP-DOWN" pushbutton control with 10 ft. coiled cord
- NEMA-12 prewired control box (dust/drip-tight industrial type) with liquid-tight electrical connectors. Control box contains magnetic starter, control transformer, thermal overload and fuses
- All controller components are UL and/or CSA approved
- Upper travel limit switch to automatically shut off motor and pump at pre-set height
- 15 ft. power cord with connector plug
- Four-way safety treadplate deck, straight toeguards with black and yellow safety stripes
- Steel approach ramp, 30 x 60 in., hinged, with 2 lifting chains
- Steel bridge plate, 18 x 60 in., hinged with 2 lifting chains
- Four safety chains with snap hooks

- Removable steel handrail 42 in. high with midrail and 4 in. high toeboard
- Rectangular, structural tube scissor legs
- Hinged safety restraint maintenance bars
- Surfaces degreased, oxide primed and finished with two coats of enamel
- Detachable dolly jack and flip-up/flip-down wheels for portability
- Hard, chrome-plated, polished shafting, hydraulic rams and axles at pivot points
- Hydraulic velocity fuse at base of each cylinder
- Lifetime, self-lubricating, anti-friction bearings at all pivot points
- Internal high-pressure gear pump with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Includes hydraulic oil

### Limited Warranty Policy

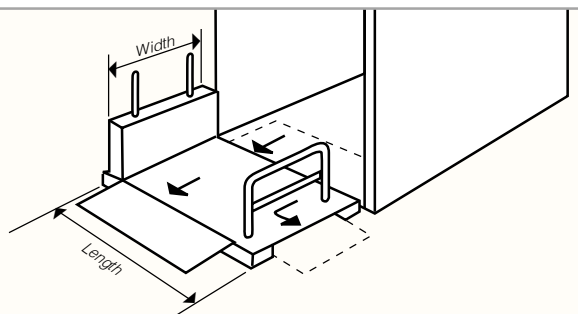
Refer to Warranty Form Number WF-0901 for specific details.

Specifications are subject to change without notice.

BTAD Series Truck Dock Lift is one of a group of Beacon materials handling products.

### Loading/Unloading

Diagram shows BTAD in position to load/unload trucks. Removable hand rails allow loading/unloading from the wide side of BTAD if desired.



**Selector Table for BTAD Series. Capacities 3,000 to 5,000 lbs.**

Travel	Model	Capacity (pounds)	Axle Load Maximum Ends/Sides	Platform Size** (inches) Length x Width	Height (inches)		Up Speed (F.P.M.)	Motor* Std. HP	Cylinders	Ship Weight (pounds)
					Lowered	Raised				
55"	BTAD-30-606	3,000	1,500	72 x 72	5	60	9	1½	2	2,500
	BTAD-40-606	4,000	2,000	72 x 72	5	60	9	1½	2	2,525
	BTAD-50-606	5,000	2,500	72 x 72	5	60	9	1½	2	2,550
	BTAD-30-608	3,000	1,500	72 x 96	5	60	6	1½	3	2,700
	BTAD-40-608	4,000	2,000	72 x 96	5	60	6	1½	3	2,725
	BTAD-50-608	5,000	2,500	72 x 96	5	60	6	1½	3	2,750

\*Note: Standard Power Supply required is 230V/1PH/60Hz. For operation on 115V power supply it is necessary to provide a separate 30 amp circuit and adequate wiring to assure an actual 115V at the motor contactor during full load operation. Specify if 115V is required. Three phase motor linestarter and transformer are available as options. \*\*The width of the platform is always the direction across the scissor legs, and the length is the direction of the scissor legs.

### Twist Lock Plug Specifications

For all BTAD Portable Docks the TwistLock plug supplied with the product conforms to the following specifications. The purchaser is to furnish the mating receptacle.

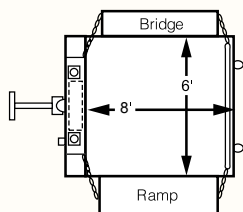
Power Supply	NEMA Configuration	
	TwistLock Plug	Purchaser Receptacle
208-230 V, 3PH, 60Hz	L15-20P	L15-20R
460 V, 3PH, 60Hz	L16-20P	L16-20R
115 V, 1PH, 60Hz	L5-30P	L5-30R
230 V, 1PH, 60Hz	L6-15P	L6-15R

### Options and Accessories

Model	Description
ELC-WB-24-A	Two Second Warning Bell with adjustable volume control-Signals Up and Down-USPS
HLD-FRL	Flashing Red Light-USPS
TAD-AWC-1	Auto Wheel Chock in Ramp-USPS
ELC-P133-02	Oil Reservoir Immersion Heater with Thermostat Control (230V/1PH/60Hz)-USPS
ELC-P133-03	Oil Reservoir Immersion Heater with Thermostat Control (115V/1PH/60Hz)-USPS
TAD-PU-3PH	208/230/460V/3PH/60Hz 3 Phase Power Unit
TAD-FRL-WB	Field Install Package-Flashing Red Light-Two Second Warning Bell complete with Enclosure and Relays
TAD-ABR-1860	Aluminum Bridge Plate 18" x 60"
TAD-RP-3660	Aluminum Approach Ramp 30" x 60"
HLD-SBR-1860	Steel Bridge Plate 18" x 60"
HLT-PU-SP	Larger Power Unit for faster lift speed

**Standard transfer  
arrangement**

1A (BTAD-40-608 Shown)



**Alternate transfer arrangements**

