

TRAILER RESTRAINT SYSTEM

Providing Maximum Safety For Your Loading Dock Area

Model: **BTL-100-F**

Unique PLC Control



(in Front of Dock)

The Model **BTL-100-F** is designed for installation directly in front of the loading dock. This electric/hydraulic system lifts a carriage to capture the ICC bar on the back of semi-trailers. To ensure maximum safety the unit comes standard with an accumulator that allows the lock to follow the trailer up and down as it is loaded/unloaded. A beeper and flashing light warns the operator if the lock does not engage the trailer properly. A visual indication of the restraints status is shown at all times by the traffic light outside and the control panel inside. The BTL-100-F comes standard with model BDTs-10 light fixture and control panel.

Other Units Available

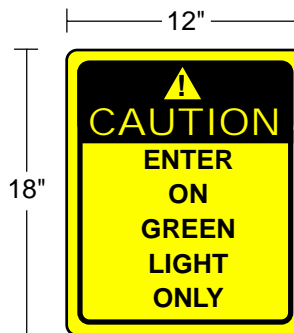
- BTL-200-HP-F** Hand Pump Hydraulic Operation
- BTL-100-F-S** Polypropylene Lights (BDTS Lights)



OUTSIDE



OUTSIDE



INSIDE

LARGE SIGNS FOR MAXIMUM VISIBILITY.

Signs are .032 Aluminum and measure 12"W x 18"H.

Signs are standard with the BTL-100-F, BDTs-5 and BDTs-10.

STANDARD SAFETY FEATURES

EMERGENCY HOOK RELEASE PIN - Allows trailers to be released in the event of power outage or malfunction.

RED AND GREEN LIGHT SYSTEM - System includes red and green traffic light outside of the dock. This unit comes equipped with model DTS-10 lights.

"FLOATS" WITH TRAILERS - Once the hook is raised into position the motor shuts off. The hook will follow the various trailer heights, up or down, during Loading/Unloading. This is accomplished through an in-line accumulator.

OPERATOR WARNED IF HOOK MISSES OR IF HOOK IS RESTRICTED - If the hook is interfered with or misses the ICC bar, it will automatically retract and the control panel will alert the attendant. The attendant must then chock the wheels and change the lights manually on the control panel.

DOCK TRAFFIC SYSTEM

MINIMIZE POSSIBLE ACCIDENTS AND INJURIES

• **RELIABLE**

• **COST EFFECTIVE**

• **SIMPLE**

Our Dock Traffic Control System has flashing red and green lights that help prevent accidents and injuries by providing clear communication between dock personnel and truck drivers. Built-in eyebrow-type sun visors increase visibility.

MODEL **BDTS-10**

DELUXE FOR VISIBILITY, FEATURES, AND DURABILITY

(Recommended for West and South Exposures)



Two Departure signs, and one Enter sign are included with each unit.

This system consists of one yellow traffic light, with both a green and red lens, one pushbutton station (for outside), and a lighted pushbutton control (for inside). Turning the switch "ON" at the control panel activates the light system. Initially, the lights show green outside and red inside, indicating that a safe condition exists for a trailer to be backed into the dock. After the trailer wheels have been chocked or restrained, the control button can be pressed either inside by the dock attendant or outside by the truck driver, and the lights change to green inside and red outside. After loading/unloading is finished, the "DEPART" button can be pressed to change the lights back to their original state (by the dock attendant inside) to indicate that the trailer can be pulled away. Three procedure signs are included.

TECHNICAL SPECIFICATIONS

Housing	Yellow, Cast Aluminum, w/ 8" Lens Hood
Power Source	120V AC
Bulbs	Standard Edison base, 60 Watt maximum
Lens Diameter	8"
Dimensions	20" H x 11" W x 14-1/2" D (6-1/2" without hood)
Shipping Weight	18 lbs.

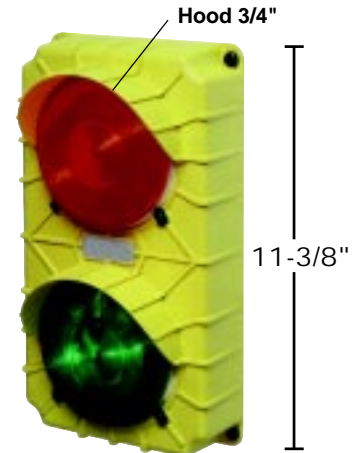
MODEL **BDTS-5**

ECONOMICAL POLYPROPYLENE



The following signs are included: One Chock your Wheels, two Departure signs, and one Enter sign.

25 WATT



This system comes with two yellow traffic lights, each having a green and a red lens. The light containing a push button mounted underneath is placed inside the dock area for the dock attendant, and the other is to be placed outside for the truck driver. The pushbutton on the inside unit will toggle the lights with each press, as follows: (1) Green outside, red inside; (2) Both off; (3) Red inside, green outside; (4) Both off; and then back to green outside, red inside. A flashing green light outside the dock is an indication to the truck driver that it is safe to back the trailer into the dock. After checking to ensure the trailer wheels are safely chocked, the dock attendant changes the light. This causes the outside light to flash red and the inside light to flash green indicating a safe loading/unloading condition. When the dock attendant has determined that loading/unloading has been completed and is safe for the truck to pull away from the dock, the dock attendant changes the light. Four procedure signs are included.

TECHNICAL SPECIFICATIONS

Housing	Safety Yellow Polypropylene
Power Source	115 Volt AC
Bulbs	Standard Industrial Bulbs, 25 Watt max.
Lens Diameter	4-1/4" (Hood 3/4" Projection)
Dimensions	11-3/8" H x 6-3/8" W x 3-3/4" D
Shipping Weight	2 lbs.

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