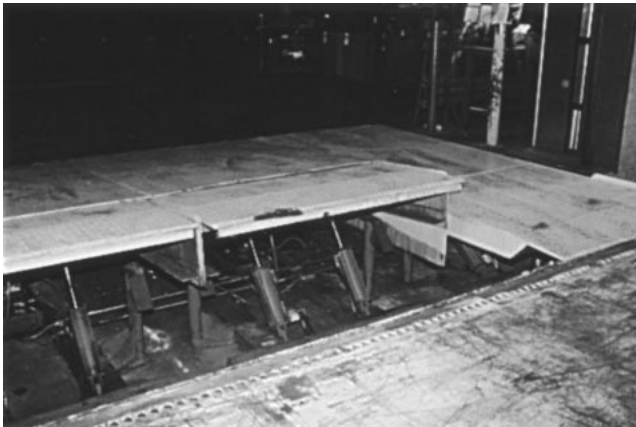
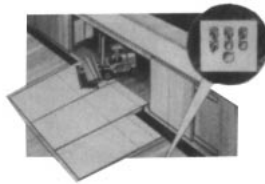


HSD Series Railroad Car Service Four Movement Hydraulic Telescopic Dock Leveler

VIDEO AVAILABLE



Reference: GOODYEAR
Ohio



CONTROL STATION BOX



ARCHITECTURAL SPECIFICATIONS

GENERAL

HSD series Dock levelers are available in ONE Heavy duty style

- HSD Series - Four Movement with Telescopic Ramp Platform

DESCRIPTION

Adjustable hydraulic dock leveler with four movements: (1) Up, (2) Down, (3) Forward, (4) Reverse. Dock leveler to be _____ ft. long x _____ ft. wide with a rollover capacity of _____ lbs. Platform to extend horizontally _____ in. and have 24" vertical travel. Platform to be solid and able to compensate for canted railroad cars up to (4)", and constructed of floor plate reinforced by split box beams, with 3/4" 55,000 yield strength fixed lip. Dock leveler shall be complete with 2 HP, 5.8 GPM electro-hydraulic power unit and 3 1/4" ID double acting hydraulic cylinders. Dock leveler to be equipped with full range safety skirts, hydraulic velocity fuse, cross traffic/maintenance safety support legs. Dock leveler to meet or exceed OSHA requirements, ANSI MH 30.1-1993 and CS 202-56 specs. To be Beacon Model _____ as sold by Beacon Machinery, Inc.

SCOPE

The Beacon HSD Series Levelers are designed for docks that service incoming or outgoing box cars, flat bed cars and refrigerator railroad cars. These levelers are designed to extend out toward the railroad car.



The HSD Series 100% hydraulically adjustable dock levelers have four movements:

- 1-UP; 2-DOWN; 3-FORWARD; 4-REVERSE**

Total control of all movements is achieved with the use of clearly marked switches and pushbuttons. The standard models are capable of a working range of 12" above and 12" below the level position. The platform extends 42" beyond the dock face. This long extension allows the HSD Series Leveler to take the place of dangerous and cumbersome dock plates. HSD Series Leveler has a side safety curb to provide forklift run off. The platform of the HSD Series is solid and can compensate up to 4 inches for out-of-level railroad car beds. The platform resists break-in attempts through dock areas.

DIMENSIONS

MODEL	A DL WTH	B DL LNG	C DL HGT	D PIT WTH	E PIT LNG	F PIT HGT
HSD26OX	72"	10'	32"	74"	10'	32.5"
HSD26OX3	217"	10'	32"	219"	10'	32.5"

CAPACITY: All models are available in 20, 30, 40, 50 and 60,000 lb. rollover capacities.

*DL = Dock Leveler Dimensions
*PIT = PIT Size Dimensions
Custom Sizes Available
Pit Shall Have 1/2" Slope To Front
13 Units

OPERATION

Controls

There are four controllable movements for the dock leveler. These movements are controlled by means of the control switches which are mounted near the dock leveler. There are four switches on the control panel as follows.

3 RAMP CONTROL STATION

"Ramp 1/Off-On" - This is a two position rotary switch. This switch activates or deactivates the leveler on the operator's left.

"Ramp 2/Off-On" - This switch turns the middle leveler off or on.

"Ramp 3/Off-On" - This switch turns the right hand leveler off or on.

The above switches are used to activate only the levelers needed to load a railcar, use two levelers for a 12' door and three levelers for a 20' door.

"Up/Down" - This is a three position rotary switch, it is spring centered from "Up", on the left, to "Off", in the middle. It is detented at "Down", on the right. The dock leveler will move up when this switch is turned to the left and held there. The dock leveler will stop its upward travel when the handle is released. It will move downward only when the handle is turned to the right. If the switch is left in this position the dockboard will "float" with the rail car bed.

"Forward" - This is a constant pressure pushbutton. Contact is made when the button is pushed in and held. The slide deck will move forward or extend when this button is used.

"Reverse" - This is also a constant pressure pushbutton. Contact is made when the button is pushed in and held. The slide deck will move in reverse and retract when this button is used.

"Emerg. Stop" - This is a push-pull type pushbutton. When the button is pushed in, all power to the leveler is cut off and the dockboard will stop in any travel mode. Only when the button is pulled out will the unit operate normally.

Loading/Unloading - The dock leveler should always be in the retracted position and resting on the support legs when not in use. After a rail car is pulled into position and its doors opened, the operation is as follows:



