

# Autodok® H Series Hydraulic Leveler

## Specification Sheet & Submittal

**45K - 100K**  
CIR

**6' - 7'**  
WIDTH

**6' - 12'**  
LENGTH



### Standard Features

Easy push-button operation for smooth, consistent operation with a hydraulic system that provides for full float at all positions	
Positive lip extension and retraction with true regenerative hydraulic control	Below dock end load capacity
Safety yellow full-range toe guards	Full width rear hinge mounted in compression with structural channel support
Structural C and I beam deck supports (45K and above)	Integral maintenance strut is lockout/tagout compliant
Velocity fuse hydraulic fail safe stops platform within 1" to 3" in free fall situation	Subframe design allows for easy pit clean out
B410-14 laminated dock bumpers	Designed and manufactured in USA

### General Description

All McGuire Autodok® H Series dock levelers incorporate the use of hydraulics to raise and lower both the platform and lip. A single push button activates a hydraulic pump for operating both lip and hoist cylinders. Systems, LLC is an active member of Loading Dock Equipment Manufacturers (LODEM), a product section of the Material Handling Industry. Unit conforms to OSHA, and is manufactured in compliance with the American National Standard of Safety Performance and Testing of Dock Leveling Devices (ANSI) MH 30.1. Unit manufactured by McGuire.

### Construction

The platform is constructed of ¼" thick 4-way high tensile 50,000 minimum yield A572 safety tread plate for 45,000, 55,000 and 75,000 lb CIR units. The 100,000 lb CIR unit is 3/8" thick safety tread plate of same specification. Platforms are reinforced and supported by full length 6" height structural channels for 45,000 lb CIR, 6" structural channel and

I beam for 55,000 lb CIR and 8" structural channel and I beam for 75,000 and 100,000 lb CIR units - welded to deck and front and rear header for firm structural support. Front and rear header plates are ½" thick x 7" high hot rolled steel for the 45,000 lb and 55,000 lb CIR units and 8" high for the 75,000 lb and 100,000 lb CIR units. Autodok H series lips are 4-way safety tread plate. The 45,000 lb, 55,000 lb and 75,000 lb CIR units are ¾" thick and the 100,000 lb CIR is 1" thick. The standard lip length is 16" on the 45,000 lb and 55,000 lb CIR capacities and 18" on the 75,000 lb and 100,000 lb CIR capacities. Hinge tubes are 2 1/8" OD x ½" wall, 2 5/8" OD x ¾" wall or 3 1/8" OD x 1" wall depending on CIR. All lip hinge pins are 1" diameter M1044 steel. Steel header gussets are standard on all Autodok H Series models. All units have grease fittings as standard. All platforms are designed to compensate for up to 4" of canted trailer bed.

### Operation

The Autodok H Series Lever is controlled remotely from wall mounted control panel. An array of optional control panel features are available. Service range is from 12" above to 12" below dock level. Lip keepers welded to frame members provide night time security and cross-traffic support. Full operating range toe guards are provided as standard. Maintenance strut with lockout/tagout capability is provided as standard. Factory finish includes rust inhibitive prime coat industrial grade finish. Special coating and colors are optional.

### Hydraulics

Platform is raised by a main hydraulic cylinder; all hydraulic hoses are routed under the leveler platform, away from debris. Hoist cylinder is a hard chrome-plated double acting design with a 3" or 4" ID bore for 45,000 lb and 55,000 lb CIR units depending on leveler size and lip style. 75,000 CIR units equipped with 4" ID bore and 100,000 CIR units equipped with (2) 4" ID bore cylinders. Main cylinder is equipped with a velocity safety stop to limit free fall of a loaded platform to 3" (+/- 1"). Lip operation is controlled by a hard chrome plated cylinder having a 2" ID bore and is fully yieldable. Motor pump is mounted up for easy access and to clear debris in pit. Reservoir is translucent for monitoring of fluid level.

## Safety Equipment

Standard non-adjustable hydraulic velocity fuse limits platform free fall to 3" (+/- 1") with heavy load on platform. Full range telescoping toe guards close off leveler sides even in highest upward position. Lip keepers are cross traffic support and serve as automatic night lock security against break in attempts. Built in maintenance inspection strut that is lockout/tagout compliant is included. H series can be equipped with UniChock™, UXL, STOP-TITE®, TPR®, or TPR® UniLock series vehicle restraint devices or a Light Communication System signs and lights.

## Colors

Levelers painted slate blue. Other colors are available. Consult factory.

## Dock Bumpers

Two black laminated 4" thick x 10" H x 14" W bumpers are standard on 45,000 and 55,000 lb CIR units. Two laminated 6" thick x 10" H x 14" W bumpers are standard on the 75,000 and 100,000 lb CIR units. Optional sizes and types are available.

## Vehicle Restraint Systems

McGuire Autodok H Series hydraulic levelers can be equipped with an optional UniChock, UXL, STOP-TITE, TPR, or TPR UniLock series vehicle

restraint or the 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.

## Electrical

Hydraulic pump motor either 1.25 HP TENV at 120v or 208v, single phase or at 208v, 230v, 460v, or 575v three phase. Electrical control panel is NEMA 12 enclosure. All electrical components, connections and wiring are UL listed or recognized. **Please Note:** Unless specifically noted on quotation, all electrical requirements are the responsibility of others.



## Warranty

All McGuire Autodok H Series models feature a full one (1) year base warranty on all structural, hydraulic and electrical parts, including freight and labor charges in accordance with McGuire's standard warranty policy. Structural and hydraulic components carry an additional full four (4) year extended warranty with parts and labor. McGuire warrants all components to be free of defects in materials and workmanship, under normal use, during the warranty period. This base warranty period begins upon the completion of installation or the sixtieth (60th) day after shipment, whichever is earlier. Additional warranty extensions may be available upon approved submittal of application information.

## Order Specifications

### Dimensions and Capacities

Select a Model and a Capacity

MODEL		CIR
NOMINAL SIZE		(Comparative Industry Rating)
<input type="checkbox"/> H-66	6' x 6'	<input type="checkbox"/> 45,000 CIR
<input type="checkbox"/> H-68	6' x 8'	<input type="checkbox"/> 55,000 CIR
<input type="checkbox"/> H-610	6' x 10'	<input type="checkbox"/> 75,000 CIR
<input type="checkbox"/> H-612	6' x 12'	<input type="checkbox"/> 100,000 CIR
<input type="checkbox"/> H-656	6'6" x 6'	
<input type="checkbox"/> H-658	6'6" x 8'	
<input type="checkbox"/> H-6510	6'6" x 10'	
<input type="checkbox"/> H-76	7' x 6'	
<input type="checkbox"/> H-78	7' x 8'	
<input type="checkbox"/> H-710	7' x 10'	
<input type="checkbox"/> H-712	7' x 12'	

## Required Information

CUSTOMER	
JOB	
LOCATION	
NUMBER OF UNITS	
MODEL	
VOLTAGE/PHASE	
REPRESENTED BY	
SALES REP	

### Check Options Desired

<input type="checkbox"/> 18" Lip	<input type="checkbox"/> Foam Insulation
<input type="checkbox"/> 20" Lip	<input type="checkbox"/> Special Color_____
<input type="checkbox"/> Auto Return to Dock	<input type="checkbox"/> Yellow and Black Toe Guard
<input type="checkbox"/> Rubber Weather Seal	<input type="checkbox"/> Safety Tape
<input type="checkbox"/> Brush Weather Seal	<input type="checkbox"/> Laminated Bumpers
<input type="checkbox"/> Non-Metallic Single-Push Button Control	<input type="checkbox"/> B410-14 (horizontal)
<input type="checkbox"/> Lip Extend Only Button	<input type="checkbox"/> VB420-11 (vertical)
<input type="checkbox"/> Mushroom-Style, E-Stop Button	<input type="checkbox"/> 6" Thick Dock Bumpers
<input type="checkbox"/> Light Communication System	<input type="checkbox"/> Steel Faced
<input type="checkbox"/> Dock Alert (NEMA12)	<input type="checkbox"/> TPR® Restraint
<input type="checkbox"/> iDock 1.0 Alert	<input type="checkbox"/> TPR® UniLock Restraint
<input type="checkbox"/> iDock 2.0 Alert	<input type="checkbox"/> STOP-TITE® Manual Restraint
<input type="checkbox"/> Integrated Control Panel	<input type="checkbox"/> STOP-TITE® Automatic Restraint
<input type="checkbox"/> 5" High Standard Safety Barrier Lip	<input type="checkbox"/> UniChock™ Restraint
<input type="checkbox"/> Pit Steel (6-piece curb angle set)	<input type="checkbox"/> UXL Restraint
<input type="checkbox"/> Pit Steel (4 angle/2 bumper)	<input type="checkbox"/> Wheel Chocks
<input type="checkbox"/> Pit Kit (3 sided)	Model# _____
<input type="checkbox"/> Pan Unit (4 sided)	<input type="checkbox"/> Dock Light (no bulb)
	Model # _____

## Certified for Construction

BY	
TITLE	
DATE	
COMPANY	
CITY & STATE	