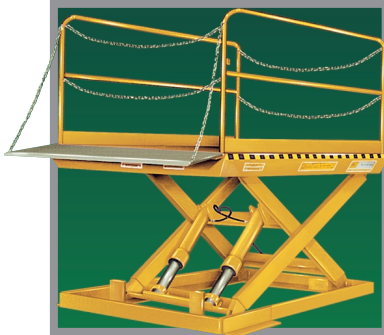




SizzrDok™

ECO A HLD Series Loading Docks



High Speed,
Heavy Duty,
Electrohydraulic
5,000 to 12,000 lb.
Capacity
For Pit
Installation

HLD-050-608-F

Model Number Format

HLD-050-608-F

Series "HLD"
Heavy Duty Loading Dock
Capacity

050 = 5,000 lbs.

Platform Size

608 = 6'W X 8'L

Description

ECO A HLD Series high-speed loading docks are the most completely equipped loading docks and have the highest structural rating in the industry. Load capacities are 5,000 to 12,000 lbs., travel distances to 60 in. with platform sizes of 48 x 96 to 96 x 144 in. HLD series loading docks are also available with travel distances of 72 in. and 96 in., consult marketing.

The HLD Series is designed with an engineered safety factor of 3 to 1 and conforms to or exceeds ANSI MH29.1-1994, The National Electric Code and OSHA requirements.

See Options section on page 6 for U.S. Postal Options in accordance with USPS Specifications.

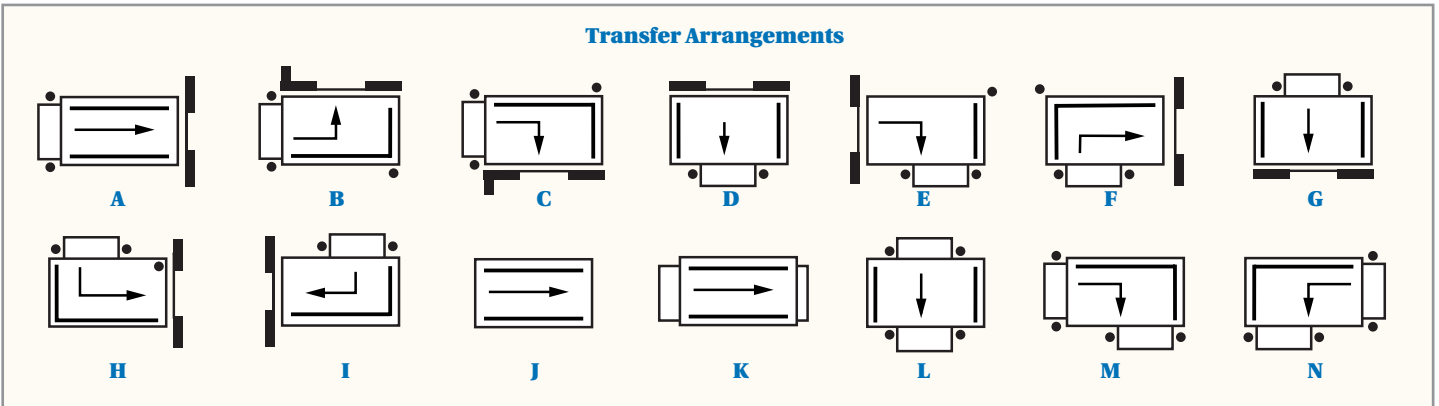
Standard Features

- Safety tread steel plate platform with 8 in. beveled toeguards and black and yellow safety stripes
- Steel safety tread bridge plate, 18 x 72 in., with 2 safety chains
- Two removable steel handrails 42 in. high with midrail
- Four safety chains with snap hooks
- Rectangular, structural tube scissor legs and torque tubes
- Positive stops on all four corners for maximum roll-over capacity in lowered position
- Hinged safety restraint maintenance bars
- Sealed ram-type, full oil displacement hydraulic cylinders with hard chrome plated and polished stress-proof steel rams and polyurethane seals. Positive internal stops
- Safety velocity fuse at base of each cylinder to prevent descent in the event of loss of hydraulic pressure
- NEMA 4, 13 (water tight, oil tight and dust tight) adjustable upper travel limit switch automatically shuts off the motor and pump at the raised-height setting
- Four secondary mechanical upper travel back-up stops, 2 mounted on platform under-structure and 2 mounted on base,

- restrict the scissor arms from moving beyond the preset travel
- Axles and shafts are stress-proof shafting, hard chrome plated and polished, retained with a positive-locking screw ring system and equipped with lifetime lubricated bearings
- All axle and roller bearings are PTFE lined, composite type and have the qualities of good wear resistance and heat conductivity, high strength, low thermal resistance and low friction
- Hydraulic hose, SAE 100 R2AT, double wire braid from cylinders to universal connection on base frame. Hose from lift to power unit is not included
- Surfaces degreased, oxide primed and finished with two coats of enamel
- External power unit is prewired, factory tested and assembled
- 5HP, 230/460V, 3PH, 60Hz continuous duty TEFC motor
- 11 gal. reservoir, oil not included
- High-pressure gear pump
- Aluminum valve block manifold contains check valve, relief valve, pressure-compensated flow control valve and solenoid valve. The solenoid valve includes a filter screen
- Pressure line 25-micron cartridge filter

- Liquid tight strain relief type electrical cord connectors
 - NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" pushbutton control with 20 ft. coiled cord and hanger bracket
 - 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, mounted on the oil reservoir
 - 24V operating control voltage
 - All controller components are UL and/or CSA approved
- Limited Warranty Policy**
Refer to Warranty Form Number WF-0901 for specific details.
Specifications are subject to change without notice.
HLD Series Loading Docks are one of a group of ECO A materials handling products.

Transfer Arrangements





Selector Table for HLD Series. Capacities 5,000 to 12,000 lbs.

Travel	Model	Capacity (pounds)	Axle Load Maximum		Platform Size (inches)	Base Frame (inches)	Height (inches)		Up*** Speed (F.P.M.)	Motor** Std. HP	Cylinders	Ship* Weight (pounds)
			Ends	Sides			Lowered	Raised				
48"	HLD-050-507-48	5,000	3,500	3,000	60 x 84	51 x 76	8	56	12	5	2	2,750
	HLD-050-606-48	5,000	3,500	3,000	72 x 72	63 x 64	8	56	12	5	2	2,750
60"	HLD-050-408	5,000	3,500	3,000	48 x 96	39 x 88	8	68	25	5	2	2,600
	HLD-050-508	5,000	3,500	3,000	60 x 96	39 x 88	8	68	25	5	2	2,750
	HLD-050-608	5,000	3,500	3,000	72 x 96	63 x 88	8	68	25	5	2	2,900
	HLD-050-708	5,000	3,500	2,750	84 x 96	63 x 88	8	68	25	5	2	3,100
	HLD-050-808	5,000	3,500	2,500	96 x 96	63 x 88	8	68	25	5	2	3,300
	HLD-050-609	5,000	3,250	3,000	72 x 108	63 x 88	8	68	25	5	2	3,100
	HLD-050-709	5,000	3,250	2,750	84 x 108	63 x 88	8	68	25	5	2	3,250
	HLD-050-809	5,000	3,250	2,500	96 x 108	63 x 88	8	68	25	5	2	3,450
	HLD-050-610	5,000	3,000	3,000	72 x 120	63 x 88	10	70	25	5	2	3,200
	HLD-050-710	5,000	3,000	2,750	84 x 120	63 x 88	10	70	25	5	2	3,375
	HLD-050-810	5,000	3,000	2,500	96 x 120	63 x 88	10	70	25	5	2	3,500
	HLD-060-608	6,000	4,200	3,200	72 x 96	63 x 88	10	70	20	5	2	3,050
	HLD-060-708	6,000	4,200	3,100	84 x 96	63 x 88	10	70	20	5	2	3,150
	HLD-060-808	6,000	4,200	3,000	96 x 96	63 x 88	10	70	20	5	2	3,475
	HLD-060-609	6,000	3,900	3,200	72 x 108	63 x 88	10	70	20	5	2	3,125
	HLD-060-709	6,000	3,900	3,100	84 x 108	63 x 88	10	70	20	5	2	3,250
	HLD-060-809	6,000	3,900	3,000	96 x 108	63 x 88	10	70	20	5	2	3,575
	HLD-060-610	6,000	3,600	3,200	72 x 120	63 x 88	12	72	20	5	2	3,300
	HLD-060-710	6,000	3,600	3,100	84 x 120	63 x 88	12	72	20	5	2	3,375
	HLD-060-810	6,000	3,600	3,000	96 x 120	63 x 88	12	72	20	5	2	3,650
	HLD-080-608	8,000	6,500	5,200	72 x 96	63 x 88	12	72	15	5	3	4,200
	HLD-080-708	8,000	6,500	5,000	84 x 96	63 x 88	12	72	15	5	3	4,400
	HLD-080-808	8,000	6,500	5,000	96 x 96	63 x 88	12	72	15	5	3	4,600
	HLD-080-609	8,000	6,500	5,200	72 x 108	63 x 88	12	72	15	5	3	4,350
	HLD-080-709	8,000	6,500	5,000	84 x 108	63 x 88	12	72	15	5	3	4,600
	HLD-080-809	8,000	6,500	5,200	96 x 108	63 x 88	12	72	15	5	3	4,800
	HLD-080-610	8,000	6,500	5,000	72 x 120	63 x 88	12	72	15	5	3	4,500
	HLD-080-710	8,000	6,500	5,000	84 x 120	63 x 88	12	72	15	5	3	4,750
	HLD-080-810	8,000	6,500	5,000	96 x 120	63 x 88	12	72	15	5	3	5,000
	HLD-100-608	10,000	8,000	7,000	72 x 96	63 x 88	14	74	12	5	2	4,900
	HLD-100-708	10,000	8,000	6,750	84 x 96	63 x 88	14	74	12	5	2	5,050
	HLD-100-808	10,000	8,000	6,500	96 x 96	88 x 88	14	74	12	5	2	5,200
HLD-100-610	10,000	7,500	7,000	72 x 120	63 x 112	14	74	12	5	2	5,100	
HLD-100-710	10,000	7,500	6,750	84 x 120	63 x 112	14	74	12	5	2	5,250	
HLD-100-810	10,000	7,500	6,500	96 x 120	88 x 112	14	74	12	5	2	5,400	
HLD-100-611	10,000	7,500	6,500	72 x 132	63 x 112	14	74	12	5	2	5,300	
HLD-100-711	10,000	7,500	6,240	84 x 132	63 x 112	14	74	12	5	2	5,450	
HLD-100-811	10,000	7,500	6,000	96 x 132	88 x 112	14	74	12	5	2	5,600	
HLD-100-612	10,000	7,500	6,000	72 x 144	63 x 112	14	74	12	5	2	5,500	
HLD-100-712	10,000	7,500	5,750	84 x 144	63 x 112	14	74	12	5	2	5,650	
HLD-100-812	10,000	7,500	5,500	96 x 144	88 x 112	14	74	12	5	2	5,800	
HLD-120-608	12,000	9,600	8,400	72 x 96	63 x 88	16	76	12	5	2	5,400	
HLD-120-708	12,000	9,600	8,400	84 x 96	63 x 88	16	76	12	5	2	5,550	
HLD-120-808	12,000	9,600	8,400	96 x 96	88 x 88	16	76	12	5	2	5,700	
HLD-120-610	12,000	9,600	8,400	72 x 120	63 x 112	16	76	12	5	2	5,600	
HLD-120-710	12,000	9,600	8,400	84 x 120	63 x 112	16	76	12	5	2	5,750	
HLD-120-810	12,000	9,600	8,400	96 x 120	88 x 112	16	76	12	5	2	5,900	
HLD-120-611	12,000	9,600	8,400	72 x 132	63 x 112	16	76	12	5	2	5,800	
HLD-120-711	12,000	9,600	8,400	84 x 132	63 x 112	16	76	12	5	2	5,950	
HLD-120-811	12,000	9,600	8,400	96 x 132	88 x 112	16	76	12	5	2	6,100	
HLD-120-612	12,000	9,600	8,400	72 x 144	63 x 112	16	76	12	5	2	6,000	
HLD-120-712	12,000	9,600	8,400	84 x 144	63 x 112	16	76	12	5	2	6,150	
HLD-120-812	12,000	9,600	8,400	96 x 144	88 x 112	16	76	12	5	2	6,300	

In 48 in. travel, other platform sizes are available, consult marketing. *Standard platforms only. **See options. ***When voltage is 230V/1PH/60Hz lift speeds will be reduced by 33%. Note: Where available power supply is 208V/3PH booster transformers are required for 240V/3PH at motor, see options. Roller shades, accordion skirting and electrical tape switches will require a minimum lowered height of 10 in. Power requirements depend upon frequency and type of operation and require specific selection. See page 6 for options and accessories. 8'0" wide units require shipment via flatbed.