

Loading Dock Equipment

s p e c i f i c a t i o n s

BLUE GIANT®

DOCK LIFTS LoMASTER SERIES
MODEL 'ED'- STATIONARY HYDRAULIC
SPECIFICATIONS:

Scissor dock lift shall be stationary type Model ED _____ / _____ x _____ as manufactured by BLUE GIANT.
 (Sample: ED5/72x96-10 equals Model ED5,000lb capacity/72" widex96" long platform deck-10" lowered height)

DECK LENGTH	LOWERED HEIGHT	VERTICAL TRAVEL	RAISED HEIGHT	LIFT SPEED ** By CAPACITY * (FPM)		
5 HP REMOTE POWER PACK						
DECK WIDTH: 60" / 72" / 84" / 96" W				4,000 lb	5,000 lb	6,000 lb
96" L	10"	59"	69"	16.5	14.0	12.2
108" L	14"	59"	73"	11.5	11.5	7.6
120" L				10.8	7.2	7.2
144" L				10.3	6.9	6.9
5 HP REMOTE POWER PACK						
DECK WIDTH: 60" / 72" / 84" / 96" W				8,000 lb	10,000 lb	12,000 lb
96" L	14'	59"	73"	11.8	10.8	7.7
108" L				11.5	7.4	7.4
120" L				11.0	7.4	7.4
144" L				6.5	5.8	6.5
7 ½ HP REMOTE POWER PACK						
DECK WIDTH: 60" / 72" / 84" / 96" W				15,000 lb	20,000 lb	
96" L	21"	59"	80"	7.4	7.4	
108" L				6.7	6.7	
120" L				6.3	6.3	
144" L				5.8	5.8	
* Based on evenly distributed loads. Single axle rolling load capacity 80% across ends and 50% across sides. ** Other lowered heights available. Consult factory.						

For metric conversion to mm, multiply inches by 25.4. For conversion to kg, divide lb by 2.2.

TYPE:

Floor or pit installed, single scissor dock lift. Electro-hydraulic operated.

FUNCTION:

Lowered Height: Standard available from 10" to 21" (254mm to 533mm).

Vertical Travel: Standard available 59" (1,499mm).

Travel Speed: Recommended standard available up to 25FPM (7mpm). Lowering speed is factory preset for safe lowering with rated load.

OPERATION:

Power Unit: Remote 5HP (up to 12,000 lb capacity models) or 7 ½ HP (15,000-20,000 lb capacity models) power pack on 12' (3,657mm) hydraulic hose. Includes all major components, motor, high-pressure gear pump, manifold, oil filters and oil reservoir. Power unit includes a pressure relief valve, load holding check valve, fixed pressure compensated flow control valve and poppet-type lowering solenoid valve. Oil filter located in the valve manifold (oil reservoir).

Remote push-button control station: Remote on 12' (3,657mm) electrical cord. NEMA4 rated dual button control station, constant pressure type, complete with 'UP' and 'DOWN' buttons, 2¼"W x 4"H x 2½"D (57 x 102 x 64mm) in size. Controller includes a three pole magnetic motor starter with adjustable overload and a fuse protected 120-volt control transformer. Terminals provided for incoming power connection. Controller components are installed in NEMA12 rated enclosure, pre-wired and dielectric tested.

CONSTRUCTION:

Platform: Fabricated of heavy non-skid high tensile steel checker plate and reinforced with steel beams for maximum strength and rigidity. Platform sides have beveled toe guard protection.

Hinged Bridge: Standard lip is piano-hinge type, 18" long x 60" wide (457mm x 1,524mm), and is fabricated of non-skid high tensile steel checker plate. Lip edge is Beveled. Plated lifting chain is provided.

Removable Handrails: Steel pipe 1.5" (38mm) construction, 42" (1,067mm) high, with mid-rail and 4" (102mm) high kick plate. Handrail sockets are flush with platform surface. Chains are provided at both open ends between the rails.

Scissor Mechanism: Legs are fabricated of solid steel sections.

Cylinders: Minimum two piston type hydraulic cylinders. . Rods constructed of hard-chrome steel and include self-adjusting polyurethane seals, positive internal stops, and fitted with vent lines. Hydraulic velocity fuse "fall safe" to prevent platform free fall is attached to each cylinder.

Bearings: All pivot points fitted with permanently lubricated Teflon impregnated bushings. Pivot pins made of hard-chrome plated steel.

RATED CAPACITY:

Welding procedure compliant with A.W.S.D1.1 98 specifications. All units are constructed in compliance with ANSI MH29.1-1994. UL approved electrical components. All units are rated for evenly distributed loads. Single axle rolling load capacities are 80% across the ends and 50% across the sides. Standard capacities range from 4,000lb to 20,000lb (1,818kg to 9,090kg).

SAFETY DEVICES:

- Built-in, maintenance stop hinged to frame
- Safety velocity fuses on each cylinder
- Tapered toe guard protection and safety striping
- Warning labels
- Handrails and safety chain

FINISH AND COLOR:

Unit painted blue. Toe guards supplied with high visibility yellow/black warning striping. Handrails painted safety yellow.

WARRANTY:

Warranties are subject to standard limitations on liability. Please consult Blue Giant warranties at <http://www.BlueGiant.com> for full details on warranty information and product registration.

OPTIONAL ACCESSORIES:

- Various lip sizes and configurations
- Spring assisted lips
- Aluminum lips
- Hydraulically actuated lip
- Electric trip bars (to stop unit in case of down travel obstruction)
- Accordion safety skirting
- Warning bell (to indicate lift in motion)
- Warning horn with adjustable volume control mounted on power unit (to indicate lift in motion)
- Flashing amber warning beacon mounted on power pack
- Mechanical roll-off barrier
- 24VAC control
- Up travel limit switch
- Return line oil filter
- 3 and 10HP remote power packs
- Specify power supply voltage