

***BLUE GIANT***®



**Elevating Docks**  
**LoMaster Series**

# Turn any Ground Level Area into a LoMaster Series Functional Loading Dock

The **LoMaster Series** of **Elevating Docks** from **BLUE GIANT** provides a safe and efficient way to handle endless materials handling applications at grocery stores, schools, hospitals, postal services and distribution centers - anywhere a low-profile workhorse is required.

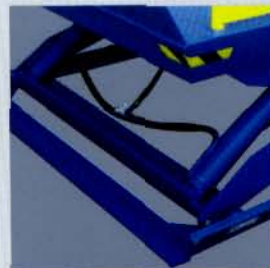
Typically, an elevating dock will cost 1/3 the price of a fork truck and will have a quick and favorable payback when compared to the long-term cost associated with operating a forklift and manually loading/off-loading a trailer. A **BLUE GIANT Elevating Dock** will also greatly reduce handling costs, cargo damage and employee injury common to vertical transfer operations.

**BLUE GIANT Elevating Docks** are available in many sizes with standard capacities up to 20,000 lb (9090 kg). No hidden hook-up costs. User ready. Before choosing, compare **BLUE GIANT's** standard design features.

**Elevating Docks that perform. More features. More value.**

## Elevating Docks Standard Design Features

- ▶ Remote power pack 12' hydraulic hose (3 phase, common voltages)
- ▶ Push button control on 12' cord
- ▶ Hydraulic pump with built-in overload relief
- ▶ Hydraulic hoses included
- ▶ Hydraulic oil included
- ▶ Motor, controls, push button factory pre-wired & tested (UL/CSA approved)
- ▶ Full length deck beam for maximum support
- ▶ Solid plate steel legs for maximum rigidity
- ▶ 8" tapered toe guard protection on stationary models only
- ▶ Handrails with 4" kick plate and barrier chain across both ends
- ▶ Checkered deck and 18" long lip with lifting chain on rolling end
- ▶ Hard chromed pivot pins at cylinder and center pin
- ▶ All pivot points equipped with maintenance free lifetime lubricated bushings
- ▶ Scissor leg roller bearings maintenance free
- ▶ Precision safety velocity fuses on hydraulic cylinders to prevent platform freefall
- ▶ Mechanical flip-down maintenance lock
- ▶ Completely sealed, weather resistant cylinders vented back to hydraulic tank to prevent contaminant entry into cylinder
- ▶ Complies to ANSI MH29.1 standards
- ▶ Backed by an industry leading warranty



# BLUE GIANT®

# Stationary Elevating Docks

**BLUE GIANT Stationary Elevating Dock** models can be mounted in a pit or anchored to a concrete pad.



## Standard Dimensions & Capacities

DECK LENGTH	LOWERED HEIGHT	VERTICAL TRAVEL	RAISED HEIGHT	LIFT SPEED** by CAPACITY* (FPM)		
<b>5 HP REMOTE POWER PACK</b>						
<b>DECK WIDTH: 60" / 72" / 84" / 96"</b>				<b>4,000 lb</b>	<b>5,000 lb</b>	<b>6,000 lb</b>
96"	10"	59"	69"	16.5	14.0	12.2
108"	14"	59"	73"	11.5	11.5	7.6
120"				10.8	7.2	7.2
144"				10.3	6.9	6.9
<b>5 HP REMOTE POWER PACK</b>						
<b>DECK WIDTH: 60" / 72" / 84" / 96"</b>				<b>8,000 lb</b>	<b>10,000 lb</b>	<b>12,000 lb</b>
96"	14"	59"	73"	11.8	10.8	7.7
108"				11.5	7.4	7.4
120"				11.0	7.4	7.4
144"				6.5	5.8	6.5
<b>7½ HP REMOTE POWER PACK</b>						
<b>DECK WIDTH: 60" / 72" / 84" / 96"</b>				<b>15,000 lb</b>	<b>20,000 lb</b>	
96"	21"	59"	80"	7.4	7.4	
108"				6.7	6.7	
120"				6.3	6.3	
144"				5.8	5.8	

\*Capacities are based on evenly distributed loads. Single axle rolling load capacity is **80%** of rated capacity across the ends and **50%** of rated capacity across the sides.

\*\*Lift speeds with rated load are nominal - based on factory test conditions.

**Note:** Consult factory for custom sizes and capacities. All elevating docks come with 18" long lip on rolling end, full width of elevating dock to maximum 84" wide.

**PRODUCT EXAMPLE: Model No. ED5/72x96-10**  
LoMaster Series "ED" 5,000 lb capacity / 72" W x 96" L 10" lowered height

STANDARD POWER PACK DIMENSION	3 HP	5 HP	7½ HP	10 HP
<b>Length</b>	18"	25"	25"	25"
<b>Width</b>	15"	20"	20"	29"
<b>Height</b>	29"	36½"	36½"	31"
<b>Shipping Weight</b>	175 lb	355 lb	405 lb	460 lb

**Note:** 3 HP available for 4,000 - 6,000 lb capacity models only

FPM CONVERSIONS FOR OPTIONAL POWER PACKS	METRIC CONVERSIONS
5 HP to 3 HP - multiply FPM by 0.4167	mm - multiply inches by 25.4
5 HP to 7½ HP - multiply FPM by 1.29	kg - divide lb by 2.2
7½ HP to 10 HP - multiply FPM x 1.45	mpm - multiply fpm by 0.3048

*Visit our website [www.BlueGiant.com](http://www.BlueGiant.com) for dock lift quotation assistance.*

### MOST REQUESTED OPTIONS:

- 24VAC voltage control
- Key switch on push button
- Up-travel limit switch
- Electric toe guard protection
- Warning horn with volume control
- Flashing amber beacon
- Aluminum lip
- Spring and hydraulic assisted lips
- Mechanical pop-up wheel chock
- Accordion safety skirting
- Interlock swing gates
- Low temp oil
- Submersion heater for oil reservoir
- 3-10 HP remote power packs
- And many more, consult factory



# Semi-Portable Elevating Docks

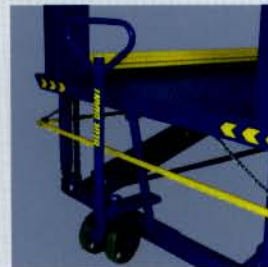
In the event you find the cost of forming a concrete pit/pad expensive, an economical solution is a **BLUE GIANT Semi-Portable Elevating Dock**. The unit is installed at the dock face and mounted on locating cradles and wear plates. With its extremely low profile, the **Semi-Portable Elevating Dock** provides added versatility for ground level loading/unloading operations.

The same high quality construction features found in the stationary models are incorporated into all **BLUE GIANT Semi-Portable Elevating Docks**. Each lift cylinder is encased in a weather-resistant, all steel housing. Precision velocity fuses on each hydraulic cylinder eliminates platform free-fall. All hard chromed pivot points are fitted with lifetime-lubricated bearings or Teflon coated bronze bushings. Indicator sensing bars and high visibility striping provide four sided toe protection. Sturdy steel handrails with 4" kick plate and barrier chains at both ends provide added operator safety. An 18" long lip with lifting chain on the rolling end is standard.

Minimal maintenance and product longevity - put a **BLUE GIANT Semi-Portable Elevating Dock** to work at your facility.

## OPTIONS:

- Portable dolly
- 24VAC voltage control
- Key switch on push button
- Up-travel limit switch
- 3 HP power pack
- Warning horn with volume control
- Flashing amber beacon
- Aluminum lip
- Electric toe guard protection



## Standard Dimensions & Capacities

DECK SIZE (W x L)*	LOWERED HEIGHT (nominal)	VERTICAL TRAVEL	RAISED HEIGHT	5 HP REMOTE POWER PACK		
				LIFT SPEED*** by CAPACITY** (FPM)		
				4,000 lb	5,000 lb	6,000 lb
72" x 96"	5"	55"	60"	20.1	20.1	14.2
72" x 120"					14.2	-
84" x 96"	5 1/4"	55"	60 1/4"	20.1	20.1	-
84" x 120"					14.2	-
96" x 120"					14.2	-

\*Dimension between cylinder posts is 18" less than overall deck width

\*\*Capacities are based on evenly distributed loads. Single axle rolling load capacity is 50% of rated capacity across the ends and 20% of rated capacity across the sides.

\*\*\*Lift speeds with rated load are nominal. Based on factory test conditions.

**Note:** Overall raised height = lowered height plus vertical travel. All elevating docks come with 18" long lip on rolling end, full width of elevating dock to maximum 84" wide.

**PRODUCT EXAMPLE: Model No. 4S/84x96**  
4,000 lb capacity LoMaster Series "S" / 84" W x 96" L

FPM CONVERSIONS FOR OPTIONAL POWER PACKS	METRIC CONVERSIONS
5 HP to 3 HP - multiply FPM by 0.4167	mm - multiply inches by 25.4
	kg - divide lb by 2.2
5 HP to 7 1/2 HP - multiply FPM by 1.29	mpm - multiply fpm by 0.3048

STANDARD POWER PACK DIMENSION	3 HP	5 HP
<b>Length</b>	18"	25"
<b>Width</b>	15"	20"
<b>Height</b>	29"	36 1/2"
<b>Shipping Weight</b>	175 lb	355 lb

## More Features. More Value.



**BLUE GIANT**

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CONTACT:

BLUE GIANT offers a full line of Dock Levelers, Dock Safety Equipment, Accessories, Ergonomic and Scissor Lift Equipment and Industrial Trucks. Concurrent with our continuing product improvement program, specifications are subject to change without notice. Please contact BLUE GIANT for latest information. Some features illustrated may be optional in certain market areas.