



# Copperloy Dock-Lifts

**Copperloy Dock-Lifts** line up a load to any truck bed height with the push of a button. Designed for permanent installation or portable use, their heavy duty, solid steel construction and powerful hydraulics handle loads up to 25,000 lbs. safely and efficiently. With up to 60" of vertical travel, they accommodate even the highest trucks.

**Built for durability, performance and safety– Copperloy Dock-Lifts** are designed for long life and dependability. Solid steel scissors provide exceptional stability. On our Pit-Mounted units, all rollers are captured to prevent upending. Steel tread plate is used on all running surfaces for sure footing. Piston-type hydraulic cylinders have hard-chrome plated and polished rods, with polyurethane seals and wear plates for long leak-free life. All pivot pins are turned, ground, polished and hard-chrome plated. The pressure compensated hydraulic valves assure smooth starts and stops; with even controlled motion. All Copperloy Dock-Lifts are built to ANSI MH 29.1 standards.

## Pit-Mount Dock Lifts



Standard 5,000 lb. capacity 6' x 8' Pit-Mount



Special 2,500 lb. capacity 112" x 144" Pit-Mount

### Built for Minimal Maintenance

Electrical components are contained in a NEMA 4 and NEMA 12 enclosures to keep dust and moisture out and fuses protected. DU maintenance-free bearings on all pivot points minimize wear and eliminate the need for greasing. Removable pins simplify removal of cylinders and scissor legs and a maintenance strut is provided to keep Dock-Lift raised during hydraulic servicing.

### Handle everything from Hand Carts to Lift Trucks

Permanently installed Pit-Mount Dock-Lifts are available in standard capacities from 5,000 lbs. to 25,000 lbs., to accommodate everything from hand carts to power pallet jacks to lift trucks. Higher capacities are also available. Because Pit-Mount lifts are flush with the grade when fully lowered, they are protected from accidental damage caused by careless truck operation.

### Rugged Platform Design

The heavy-duty reinforced platform is engineered for minimal deflection while raising and lowering; and positive stop blocks eliminate platform deflection. Standard platform width range from 72" to 96" and standard lengths from 96" to 144", with beveled toeguard edges to meet ANSI safety requirements. The steel tread bridge plate is 12" OAW x 72" OAL, with two (2) chains. The handrails are removable for loading flexibility. U.S. Post Office options are also available.

### Smooth Power and Control

The standard power unit is configured with a 5HP electric motor for fast raising. The motor is designed to operate on 240/480-volt, 3 phase, 60 HZ power. Consult factory for other electrical options. A one-piece aluminum manifold block, solenoid valve, and check valve are located in the remote-mounted power unit to control hydraulic functions.

### Warranty

Copperloy Dock-Lifts are warranted for a period of 5 years against defects in workmanship and materials on all structural parts, 6 months on hydraulic cylinder seals, 6 months on electrical parts, and 1 year on the hydraulic power pack.

# Pit Mount

Lift Capacity (lbs.)	Axle Load Cap. Over Bridge End (lbs.)	Axle Load Cap. Opp. Bridge End (lbs.)	Axle Load Cap. Over The Sides (lbs.)	Platform Size (inches)	Base Frame Size (inches)	Max. Lowered Height (inches)	Nom. Std. Speed Up (fpm)	Nom. Std. Speed Down (fpm)	Approx. Shipping Weight (lbs.)
5,000	2,500	2,500	2,500	72 x 96	60 x 84	10	12	11	3,100
				72 x 120					3,400
				96 x 96					3,400
				96 x 120					3,800
6,000	3,000	3,000	3,000	72 x 96	60 x 84	10	12	11	3,200
				72 x 120					3,500
				96 x 96					3,500
				96 x 120					3,900
8,000	6,500	6,500	5,000	72 x 96	60 x 88	16	10	10	4,700
				72 x 120					4,800
				96 x 96					4,800
				96 x 120					5,000
10,000	8,000	8,000	7,000	72 x 96	60 x 88	16	10	10	4,800
				72 x 120					4,900
				96 x 96					4,900
				96 x 120					5,100
12,000	9,600	9,600	8,500	72 x 120	60 x 112 84 x 112	16	7	6 1/2	5,600
				72 x 144					6,000
				96 x 120					6,000
				96 x 144					6,300
15,000	12,000	12,000	11,000	72 x 120	60 x 112 84 x 112	16	7	6 1/2	5,700
				72 x 144					6,200
				96 x 120					6,200
				96 x 144					6,500

*\*Above Models Standard with 60" Vertical Travel, 5 HP Motor and 14" x 18" x 18" Power Pack*

# Surface Mount

3,000	2,000	2,000	2,000	72 x 72	65 x 72	6	12 1/2	11	2,300
4,000	2,000	2,000	2,000	72 x 72	65 x 72				2,400
5,000	2,000	2,000	2,000	72 x 72	65 x 72				2,500

*\*Above Models Standard with 54" Vertical Travel, 3 HP Motor, and Internal Power Pack*

## Surface Mount Dock Lifts

### Make any concrete surface a loading dock

You can have a loading dock anyplace you need one, as long as the roadway surface will support the Dock-Lift base without deflecting. There is NO pit required. Standard models are available with capacities up to 5,000 lbs., adequate to accommodate hand carts, 4-wheel carts and pallet trucks. Heavier capacities are available for special applications.



by  
**JH INDUSTRIES, INC.**

### Portability and Versatility

Surface-Mount Dock-Lifts are equipped with optional flip-down wheels for easy transportability to new locations, using a removable dolly handle. Special bridge and ramp plates are available to adapt the Dock-Lift to your application. The approach ramp and end-rails can be factory-located to accommodate right-angle loading. The 42" high handrail is removable for awkward loads. The standard self-contained, on-board power unit is designed for operation on 110/220 volt, 1-phase, 60 Hz power so that you can use the Dock-Lift anywhere. Other power options are available.