



ADVANCED SYSTEMS

DESIGNERS & INTEGRATORS OF INDUSTRIAL DOORS & DOOR CONTROL SYSTEMS

1020 W. 14 MILE ROAD • CLAWSON, MI 48017 • PHONE 877 436 0302 • WWW.ADVANCEDSYSTEMSDOORS.COM

Loading Dock—Scissors Lift

PLT AND PLT-C SCISSORS LIFTS

Designed to meet the most common specifications for new construction, the PLT and PLT-C dock lifts provide the customer with the most durable and versatile family of dock lifts. This family of medium to heavy capacity lifts can be used in a wide variety of pit mounted or surface mounted applications – such as loading or unloading trucks, moving fork trucks or other wheeled loads between levels. These lifts improve workflow at the dock or inside the plant.

The PLT series provides a permanent yet low-cost solution for loading/unloading trucks.

Removable Handrails

Capacity up to 10,000 lbs



Solid Steel Legs

TYPICAL MARKETS

Automotive | Chemicals & Plastics | Retail Outlet | Postal | Grocery





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KEY FEATURES

- Solid steel legs
- Lubricated-for-life composite bearings on all pivot points
- Platform surface constructed of 4-way tread plate
- Turned, ground, polished and hard-chromed axle pins
- Double-wire braided hydraulic hoses
- Velocity fuses on cylinders
- Power unit suitable for floor or wall mounting
- Roll-over support legs in corners and center of platform
- Built and designed in accordance with ANSI MH29.1
- Factory tested to 110% of capacity
- Beveled toe guards
- Hardened steel rollers
- Removable 48" high handrails and snap chains
- Maintenance leg
- UL labeled and approved control components

OPTIONS

Platform options for the PLT and PLT-C, 6050 and 6060 are:

- 72" x 96", 96" x 96", 72" x 120", and 84" x 120" – with derated axle load ratings for oversized platforms.

Platform options for the PLT and PLT-C, 6070, 6080, and 60100 are:

- 72" x 100", 96" x 100", 72" x 120", and 84" x 120" – with derated axle load ratings for oversized platforms.
- Manual bridge winch
- Powered hydraulic bridge
- Remote 230 VAC single phase power unit (speed at one-half normal for the PLT lift).

BENEFITS

- Minimal platform deflection when raising and lowering
- Maintenance free bearings, NO GREASING
- Minimal platform deflection in lowered position
- Extended bearing life
- Extended hose life for added safety
- Easy servicing of hydraulic valve components
- Easy access to hydraulic/electrical components for servicing
- Free fall arrested in case of severed hose – Safety First!
- Can be used for in-plant applications

CUSTOM DESIGNS

- A number of "customized" Engineering designs are already on file for the PLT series. Additionally, Autoquip offers computerized engineering services for development of "one-of-a-kind" PLT applications.

POWER SUPPLY

- The 5 hp electric motor will operate on any of the following 3 phase voltages: 208, 220, 230, 240, 440, 460 or 480. Controllers are designed to specification and shipped loose.
- The PLT lift offers the 5 hp heavy duty fan cooled motor. The PLT-C offers the 5 hp super torque, intermittent (2 minute) duty motor. The only difference in performance is seen in the Standard Up Speed – the PLT power units have higher GPM pumps.

options

PLT SCISSORS LIFT

SPECIFICATIONS: Capacities – 5,000 to 10,000 lbs. - Travel Height of 60"

Travel (inches)	Capacity (pounds)	Baseframe Size (inches)	Platform Sizes (inches)	Axle Load Capacity Over Bridge End (pounds)	Axle Load Capacity Opposite Bridge End (pounds)	Axle Load Capacity Over Sides (pounds)	Lowered Height (inches)	Nom. Std. Speed Up (FPM)	Nom. Std. Speed Down (FPM)	Std. Power Unit Dim. (inches)	No. of Rams	Shipping Weight (pounds)	Model
PLT-C													
60	5,000	58 x 90¼	72 x 96	3,000	3,000	2,500	8	12	12	24 x 17 x 11	2	2,800	PLT 6050-C
60	6,000	58 x 90¼	72 x 96	3,000	3,000	2,500	8	12	12	24 x 17 x 11	2	3,000	PLT 6060-C
60	7,000	60¼ x 96½	72 x 100	6,400	6,400	6,400	12	8	12	24 x 17 x 11	2	4,600	PLT 6070-C
60	8,000	60¼ x 96½	72 x 100	6,400	6,400	6,400	12	8	12	24 x 17 x 11	2	4,700	PLT 6080-C
60	10,000	60¼ x 96½	72 x 100	8,000	8,000	6,400	12	8	12	24 x 17 x 11	2	4,800	PLT 60100-C
PLT													
60	5,000	58 x 90¼	72 x 96	3,000	3,000	2,500	8	25	12	16 x 22 x 29	2	2,800	PLT 6050
60	6,000	58 x 90¼	72 x 96	3,000	3,000	2,500	8	25	12	16 x 22 x 29	2	3,000	PLT 6060
60	7,000	60¼ x 96½	72 x 100	6,400	6,400	6,400	12	12	12	16 x 22 x 29	2	4,600	PLT 6070
60	8,000	60¼ x 96½	72 x 100	6,400	6,400	6,400	12	12	12	16 x 22 x 29	2	4,700	PLT 6080
60	10,000	60¼ x 96½	72 x 100	8,000	8,000	6,400	12	12	12	16 x 22 x 29	2	4,800	PLT 60100