Material Handling - Material Picking Lifts

Man aboard pick vehicles are designed to move product picking personnel from one location to the next within a large distribution storage rack system.

The pick car is on an elevating platform mounted on a self propelled base which allows the operator to travel along a fixed track between shelving racks and go up and down between multiple levels or racking.

The platform cab contains the operator control station, which provides a safe working environment. The platform cab area contains 110 volt electrical outlets and shelves for the inclusion of printers and other electronic devices.

The platform can provide space for empty pallets, cardboard or other material. A self adjusting motorized conveyor runs from the elevated platform down to any predetermined loading point.

Platforms require a 480 volt, 3 phase power supply of 40 amps. Power supplied by bus bar system and moving contactors, supplied by others. The lift base is equipped with flashing “In Motion” beacons, front and rear, which signal when drive controls are activated.

Spring loaded bumper on front and back sense contact and send a stop command to controls if contact is made with objects or rail end.

Lift system have been designed for various rail speeds up to 225 FPM with a speed ramping system for starting and stopping. The platform raise and lower speed is up to 90 FPM.

Flexibility of design allows lifts, work platforms and original equipment to be customized, manufactured or converted for your specific application.

Industries Serviced by LPI, Inc.

- Distribution
- Entertainment
- Hazardous Locations
- Industrial Manufacturing
- Maintenance
- Material Handling
- Paint Finishing
- Ship Building
- Theme Parks
- Transportation

Platform shown travels up to 220 feet per minute operating on a standard industrial power supply of 480 volt, 3 phase.
LPI Lift Systems, located in Eau Claire, Wisconsin, has been a recognized industry leader in manufacturing scissor lifts for over 25 years. The company has specialized in the design and manufacturing of a variety of 3 and 4-axis mast lifts. Other areas of expertise include: Manufacturing and engineering support, specializing in custom designed and manufactured work platforms to meet companies’ specific needs, as well as a complete line of pneumatic, AC and DC operated scissor lifts. Contact LPI, Inc. for additional information on any of the products or services offered.

Challenge us with your application!

LPI® promotes a safe and ergonomic work environment which increases worker productivity.
Specifications may be changed subsequent to printing.
No part of this information may be reproduced in whole or part without written permission.