

Custom Lifts Work Platforms Equipment Conversions

Flexibility, Customization, Specialized Applications



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

Industries:

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

LPI[®]
LIFT SYSTEMS

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CUSTOM LIFTS AND WORK PLATFORMS

LPI® is a custom equipment manufacturer providing engineering services and manufacturing expertise in the design and construction of work platforms, fall protection and personnel lifting equipment for a wide range of industrial applications and facility maintenance. LPI® has been in business for over 20 years providing manufacturing and assembly support for customers in a variety of industries and custom applications.

LPI® has a broad range of experience customizing equipment for Fortune 500 companies as well as small maintenance and assembly operations. We offer engineering support to assist customers in their specific application's design, manufacture and implementation. With our experienced in-house engineering staff, LPI® can design custom equipment working from your concept. Our engineering support team can work directly with your staff and build to their specifications.

LPI® promotes a safe and ergonomic work environment which increases worker productivity.

LPI® equipment meets applicable OSHA/ANSI standards.

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**Challenge us with
your custom
application!**
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Vertical Reciprocating Conveyor

PROBLEM: Moving products from one level to another in a warehouse environment.

SOLUTION: The VRC was constructed as an economical solution for warehousing product on the second level of the facility. This system was installed including all guards, control systems and automated gates. The platform and capacity can be customized to fit your application.

Product Access Work Platforms

PROBLEM: To work safely on large applications.

SOLUTION: By providing an adjustable work platform that surrounds the product, workers can safely position themselves at levels that allow them to efficiently perform their work. The center of the platform has removable deck sections designed to accommodate varying sized products.



Custom Personnel Lift

PROBLEM: Accessing aircraft wings for assembly.

SOLUTION: LPI was approached by an OEM to develop a lift that would place workers in position for servicing and riveting aircraft wings, thus eliminating the need for ladders.



Positioning Platforms

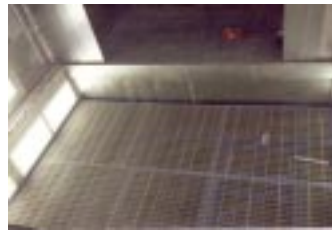
PROBLEM: Accessing large items for production and service.

SOLUTION: High duty cycle scissor lift platforms position the worker in the right place at the right time. Integrated into the platform movement is a powered roll out that shifts the platform sideways towards the product and then returns back to its original position. The platform deck, capacity and height can be customized to fit your application.



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CUSTOM LIFTS AND WORK PLATFORMS



Pneumatic/Hydraulic Drop Floor

PROBLEM: Accessing conveyed heavy equipment at various levels in a paint application.

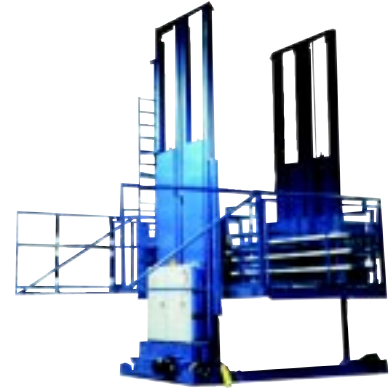
SOLUTION: The movable floor can be positioned above or below factory floor (grade) level, providing access from top to bottom of products. The lift is equipped with PLC controls.



Operator Platforms

PROBLEM: Welding large components efficiently.

SOLUTION: Multi-axis lift with rotating platform and extra long extension provides multiple positioning for the worker, in turn providing for proper access to large equipment in a safe efficient manner. Operator platform can be customized.



Material Handling Lift

PROBLEM: Accessing product efficiently and safely, to fill orders from a warehouse.

SOLUTION: Self propelled platform parts picker with shelving that can travel the length of the aisleway. The platform load capacity and shelving can be customized to fit your application.



Mobile Roof Top Service Platform

PROBLEM: Safely accessing rooftop satellite systems on vehicles.

SOLUTION: Platform to access vehicle roof top and provide the worker with fall protection. Adjustable for different size vehicles.

EQUIPMENT CONVERSIONS

LPI's flexibility of design and relationship with a number of manufacturers allows us to customize and convert specific products to meet your unique needs. A variety of power options are available, including fully pneumatic, pneumatic/mechanical, pneumatic/hydraulic, electric/hydraulic, electric/mechanical.

LPI promotes a safe and ergonomic work environment which increases worker productivity.

LPI equipment meets applicable OSHA/ANSI standards.

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Truck Mounted Rotating Scissors Work Platform

PROBLEM: Quick access needed for bridge/overpass inspection and maintenance.

SOLUTION: Mobile unit with minimal setup, mounted on a service truck that was modified in conjunction with a truck custom manufacturer. It has a high reach and rotating basket, eliminating the need for rigging from the overpass or delaying traffic.



Mobile Personnel Lift

PROBLEM: Vertical access to indoor/outdoor sporting and entertainment venues.

SOLUTION: Scissor lift attached to an industrial vehicle with safety interlocked power controls. Eliminates scaffolding/ladders/vertical lifts.

EQUIPMENT CONVERSIONS



Steerable/Drivable Scissor Lift

PROBLEM: Access product in an open spray area (hazardous location).

SOLUTION: Converted to fully pneumatic, eliminating electric hazard. Class I Div. 1.



Tip Down Roll Out

PROBLEM: Accessing a custom designed booth for service and maintenance.

SOLUTION: Two tip down baskets that can operate together or separately.



DS Rated Material Handler

PROBLEM: Government munitions warehousing facility needed a lift to move munitions safely.

SOLUTION: Convert a general purpose vehicle into a UL listed DS rated material handler.

AC Powered Boom Lift

PROBLEM: Accessing product with a boom where gas or diesel powered equipment was not an option.

SOLUTION: An AC powered telescoping boom lift mounted on a track for stability and greater control was designed. The base is designed to be rail guided or stationary.



LPI® Lift Systems has been a recognized industry leader in manufacturing personnel lifts for over 20 years. The company provides manufacturing expertise and engineering support, specializing in: work platforms, fall protection, and personnel lifting equipment for industrial applications and facilities maintenance for customers in a variety of industries and custom applications.

Challenge us with your application!

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