

LPI INCORPORATED

THE RECOGNIZED INDUSTRY LEADER OF
PERSONNEL LIFTS AND WORK PLATFORMS

CUSTOM LIFTS AND WORK PLATFORMS



EQUIPMENT CONVERSION

CUSTOM LIFTS

CUSTOM WORK
PLATFORMS

EQUIPMENT
CONVERSIONS

STAINLESS STEEL



CUSTOM DESIGNED LIFTS

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.

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



Vertical Reciprocating Conveyor

Used for moving products from one level to another in a warehouse environment. 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.



Custom Personnel Lift

Used for accessing aircraft wings for assembly. 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.

Product Access Work Platforms

Provides an adjustable work platform that surrounds the product and 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.

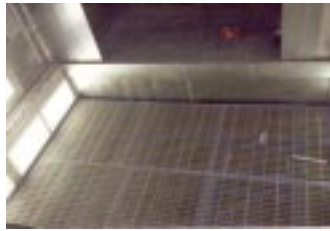


Elevating Work Platform

This system was designed to allow workers to access the top of vehicles being painted. These units are constructed with 10 ft. and 23 ft. long platforms which have a manual rollout of 24". Units employ explosion proof electric motors with pneumatic signal switches interlocked to the conveyor system.



CUSTOM DESIGNED LIFTS



Pneumatic/Hydraulic Drop Floor

Vertical positioning and moving the entire booth floor allows access all around an object suspended from overhead conveyors. The movable floor can be positioned above or below factory floor (grade) level, providing access from top to bottom of products. The lift is powered with PLC controls.



Work Platforms w/Tip-Downs

Pneumatically powered scissor lift platform, with the unique feature of tip-down platform extensions on the ends, used for finishing truck cabs before assembly. With tip-downs extended and another platform on the opposite side, painters have total access to the cab.



Material Handling Lift

Used for accessing product efficiently and safely, to fill orders from a warehouse. This self propelled platform parts picker with shelving 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

For safely accessing rooftop satellite systems on vehicles. Platform is used to access vehicle roof top and provide the worker with fall protection. Adjustable for different size vehicles.

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.

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**Challenge us with
 your conversion
 application!**
www.lpi-inc.com



Truck Mounted Rotating Scissors Work Platform

Mobile unit with minimal setup, mounted on a service truck that can be modified in conjunction with a truck custom manufacturer. It has a high reach and rotating basket, eliminating the need for rigging.



Mobile Personnel Lift

Vertical access to indoor/outdoor sporting and entertainment venues. Scissor lift attached to an industrial vehicle with safety interlocked power controls. Eliminates scaffolding/ladders/vertical lifts.

CUSTOM DESIGNED LIFTS



Steerable/Drivable Scissor Lift

Access product in an open spray area (hazardous location). LPI® converted this unit to a fully pneumatic system, eliminating any electrical hazard. Class I Div. 1.



Tip-Down Platform Extension

Used for accessing a custom designed booth for service and maintenance. Two tip down platform extensions can operate together or separately.



DS Rated Material Handler

Government munitions warehousing facility needed a lift to move munitions safely. LPI® converted a general purpose vehicle into a UL listed DS rated material handler.

DS Rated: Diesel with additional safeguards to prevent the emission of hazardous sparks.

AC Powered Boom Lift

Used for accessing product with a boom where gas or diesel powered equipment is not an option.

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!

www.lpi-inc.com



• Made in USA •

CUSTOM DESIGNED LIFTS

Our Stainless Steel Lift Systems Offer:

- **Non-Corrosive Construction**
Stainless steel or chemical resistant coatings provide years of service in your facility and can withstand the rigors of sanitation requirements.
- **Ergonomically Designed Platforms & Controls**
Our lift systems provide a safe and efficient means of increasing worker productivity.
- **Versatile Power Source**
Lift power source can be designed to work in flammable/combustible environments.
- **Increased Access**
Working heights up to 30 ft. with extended reach out to 10 feet.
- **Reduced Injuries**
Lifts and platforms eliminate the need for dangerous ladders and scaffolding.
- **Manual or Fixed Position Models**
Flexible solutions to material positioning challenges.
- **System Integration**
Lift systems can be customized to accommodate your specific application needs. Our design engineers will work with you to develop a system that maximizes your productivity at an affordable price.
- **FDA Approved Hydraulic Fluid**
Safe hydraulic fluids can be used for a variety of cleanroom environments.
- **Custom Mounting for Tools & Accessories**
Tools and communication equipment can be mounted to unit according to your specific application needs.



The stainless steel equipment manufactured by LPI® is designed to withstand the rigorous sanitation requirements of food processing, chemical, pharmaceutical, biological and nuclear work areas. Each lift is custom designed to suit the customer's individual needs. Our design flexibility provides you with many options to address all your material handling, maintenance and other personnel positioning challenges.

SLAB TYPE MACHINES CAN ONLY BE RAISED ON A FLAT LEVEL SURFACE.
• All models meet applicable OSHA/ANSI Standards as interpreted by LPI, Inc. •



***Stainless Steel Systems
Can Be Customized To Meet The Needs
of Various Industries:***

- **Food Processing • Chemical**
- **Pharmaceutical • Biological**
- **Nuclear Work Areas**

• Made in USA •



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PERSONNEL LIFTS

Photocopy and
fax to LPI® at:
715-839-8647

COMPANY NAME _____ DATE _____

CONTACT _____ PHONE _____ FAX _____

USER INDUSTRY: AIRCRAFT RAIL TRUCK TRANSIT OFF-ROAD INDUSTRIAL OTHER _____
(please specify)

PRODUCT APPLICATION: 3-Axis Lift for — Painting Blasting 4-Axis Lift
 Scissor Platform for — Track System Self-Propelled Manual
 Custom Designed System Wash Gantry

BOOTH INFORMATION

- Application: Retro-Fit ___ New ___
- Inside dimensions of booth:
Width _____ Height _____ Depth _____
- Booth design:
Down Draft _____ Cross Draft _____ Side Down Draft _____
Dry Filter _____ Water Wash _____
- Does existing booth have hipped ceiling lighting: Yes ___ No ___
If yes, hip size & degree _____
- Does existing booth have corner chambers: Yes ___ No ___
If yes, size _____
- Does existing booth have structure:
Yes, Inside ___ Yes, Outside ___ No ___
Structure size: Vertical _____ Horizontal _____
Distance between vertical supports: _____
- Is booth floor concrete, grating, or combination: _____
- Dimensions of concrete area from booth wall to grating: _____
- Location and type of lights in booth: _____

- Are lights inside access, outside access, or both: _____
- Are there mandors in booth walls: Yes ___ No ___
If yes, where: _____

OPERATION

- Process being performed (i.e. Wash, Paint, Blast): _____

- Number of people doing process at one time: _____
- Cycle time - how many units/hour: _____
- Does operator need to get at ends of object: Yes ___ No ___
- Does operator need breathing air: Yes ___ No ___
- How many paintlines/hoses involved: _____
- Type of paint system (i.e. HVIP, Electrostatic, etc.): _____
- Size of hoses: _____
- Any additional equipment in or on lift: _____

OBJECT

**IMPORTANT: COORDINATE PRODUCT
ORIENTATION WITH BOOTH DIMENSIONS**

- Type of product: _____
- Shape of product (i.e. square, cylinder, etc.) _____
- Largest object:
Width _____ Height _____ Depth _____
- Smallest object:
Width _____ Height _____ Depth _____
- Is product on conveyor, track or monorail: _____
- Location of this conveyor, etc. in booth: _____

- If blast, type of media used: _____
- If wash, type of chemical used: _____

IMPORTANT: Please attach existing
booth print or pencil drawing.



LIFT SYSTEMS

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