LPI, Inc. 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 30 years providing manufacturing and assembly support for customers in a variety of industries and custom applications.

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

LPI equipment meets applicable OSHA/ANSI standards.

• Made in USA •

Challenge us with your application!

www.lpi-inc.com
Scissor Lifts & Work Platforms:

Scissor lifts typically operate in two axis of movement and are designed for applications where people and material need only up and down travel (stationary lift), where the lift needs to be moved around to perform work (manually positioned lift), or to access work along a fixed area of travel (rail guided lift). Utilized in applications from wash, prep and paint, to metal blasting, welding, and assembly; scissor lifts offer a safer, more ergonomic and cost effective solution for positioning workers. Systems utilize pneumatic/hydraulic power units for hazardous areas such as paint applications or can be configured with electric/hydraulic power units for non-hazardous environments.

**LPSM**
LPSM lifts are stationary mounted and used to elevate personnel in a fixed location. This model lift provides an economical access solution in all areas of your manufacturing process and facility.

**LPSMT**
LPSMT lifts are a manually positioned and easily moved around by one person. Similar in design to the LPSM lifts, these versatile systems offer a cost effective solution where process areas are not in a fixed location or product size and configuration vary.

**LPST**
LPST lifts are rail guided and self propelled. This system utilizes a guide rail for positioning workers in applications where the work task is being performed along a linear path. These units can be modified to accommodate process lines and other equipment to increase worker productivity.

**TK**
TK lifts are also a rail guided, self propelled scissor lift that travels along a guide rail in a fixed path. With a higher weight capacity and a larger operator platform this lift system offers a more versatile range of options. Units can be fitted with explosion proof lighting and hose reels, and are ideal for applications ranging from maintenance pits to welding areas.

**LPSPH**
LPSPH, also known as a Work/Catch Platform, is a high capacity, manually positioned, expandable work platform that can be configured for a variety of applications. Units are easily modified to fit work processes ranging from manufacturing and assembly areas to welding and paint process areas.

**EWP/EWT**
EW personnel lifts or work tables are ideal for areas with limited space. Compact and portable, these air operated scissor lifts provide a safer and economical alternative to rolling ladders or scaffolds.
Model LPSM & LPSMT: Stationary/Manually Positioned Scissor Lifts

Stationary position & manually positioned personnel scissor lifts for use in paint process booths and other hazardous locations. LPI manufactures a full line of standard scissor lifts that can be customized with many options.

All LPSM Models Include:
- Raised platform heights ranging from 49" to 143"
- Minimum lowered platform height of 11"
- Operator platform capacity 500#
- Pneumatic/hydraulic power for hazardous areas
- Electric/hydraulic power for non-hazardous areas
- Filter/Regulator/Lubricator (pneumatic version only)
- Platform dimensions 66" long x 30" wide
- Fixed hand control with Emergency Stop
- Base control to raise and lower platform
- 3/8" NPT auxiliary air supply in operator platform
- 42" high guard rail with a self-closing gate
- Vertical speed 15 FPM
- Requires clean, dry, air supply of 50 SCFM at 90 PSI
- Minimal installation - Quick and easy connection to air source, 1/2" NPT

LPSMT Models also include:
An easy to use Transport Handle Kit (components shaded in gray) for mobility and positioning between work areas. Transport Handle Kit includes: 6" rigid casters and a pull-down handle with retractable steering wheel for maneuverability. Also included is a safety switch to prevent the operator platform from being raised with transport handle in “transport” position.

LPI® is a registered trademark of LPI, Inc. © 2013

---

**Model LPSM & LPSMT: Scissor Lifts**

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Work Height</th>
<th>Raised Floor Height</th>
<th>Lowered Floor Height</th>
<th>Overall Length</th>
<th>Overall Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPSM-48*</td>
<td>121&quot;</td>
<td>49&quot;</td>
<td>11&quot;</td>
<td>83&quot;</td>
<td>30&quot;</td>
</tr>
<tr>
<td>LPSM-96*</td>
<td>164&quot;</td>
<td>92&quot;</td>
<td>16&quot;</td>
<td>83&quot;</td>
<td>30&quot;</td>
</tr>
<tr>
<td>LPSM-144*</td>
<td>212&quot;</td>
<td>140&quot;</td>
<td>18&quot;</td>
<td>83&quot;</td>
<td>30&quot;</td>
</tr>
<tr>
<td>LPSMT-48</td>
<td>124&quot;</td>
<td>52&quot;</td>
<td>13 1/2&quot;</td>
<td>98&quot;</td>
<td>46&quot;</td>
</tr>
<tr>
<td>LPSMT-96</td>
<td>167&quot;</td>
<td>95&quot;</td>
<td>19&quot;</td>
<td>98&quot;</td>
<td>46&quot;</td>
</tr>
<tr>
<td>LPSMT-144</td>
<td>215&quot;</td>
<td>143&quot;</td>
<td>21&quot;</td>
<td>98&quot;</td>
<td>46&quot;</td>
</tr>
</tbody>
</table>

* UNIT MUST BE BOLTED TO FLOOR

Slab Type Machine should only be raised on a hard flat level surface.

All models meet applicable OSHA/ANSI Standards as interpreted by LPI, Inc.
Model LPST: Rail Guided Lift Systems

Rail guided lifts are designed for use where a work process is performed along a fixed linear work area. Ideal for paint applications with limited booth structure or welding areas and blast media booths were ladders are not a safe alternative. Installation requirements are minimal with many lift options available.

All Models Include:
- Raised platform heights ranging from 53" to 144"
- Minimum lowered platform height of 14 1/2"
- Operator platform capacity 500#
- Pneumatic/hydraulic power for hazardous areas
- Electric/hydraulic power for non-hazardous areas
- Filter/Regulator/Lubricator (pneumatic versions only)
- Platform dimensions 66" long x 30" wide
- Fixed hand control with Emergency Stop
- Base control to raise and lower platform
- 3/8” NPT auxiliary air supply in operator platform
- 42" high guard rail with a self-closing gate
- Horizontal speed variable up to 40 FPM
- Vertical speed 15 FPM
- Requires clean, dry, air supply of 50 SCFM at 90 PSI

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Working Height</th>
<th>Max Platform Height</th>
<th>Lowered Floor Height</th>
<th>Overall Length</th>
<th>Overall Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPST-48</td>
<td>125&quot;</td>
<td>53&quot;</td>
<td>14 1/2&quot;</td>
<td>80&quot;</td>
<td>39&quot;</td>
</tr>
<tr>
<td>LPST-96</td>
<td>168&quot;</td>
<td>96&quot;</td>
<td>22&quot;</td>
<td>80&quot;</td>
<td>39&quot;</td>
</tr>
<tr>
<td>LPST-144</td>
<td>216&quot;</td>
<td>144&quot;</td>
<td>24&quot;</td>
<td>80&quot;</td>
<td>39&quot;</td>
</tr>
</tbody>
</table>

Slab Type Machine should only be raised on a hard flat level surface.

All models meet applicable OSHA/ANSI Standards as interpreted by LPI, Inc.
Model TK: Rail Guided Lift Systems

The TK rail guided scissor lift is similar in operation to the LPST lift series but features a longer and wider platform with a higher load capacity. Utilized in maintenance pits for fluid changing this unit can be fitted with explosion proof light fixtures to provide lighting for the underside of vehicles.

- Raised platform height up to 84” maximum
- Lowered platform height of 18” from floor to platform deck
- Maximum capacity 1000#
- Pneumatic/hydraulic power for hazardous areas
- Electric/hydraulic power for non-hazardous areas
- Filter/Regulator/Lubricator (pneumatic versions only)
- Platform dimensions 120” long x 41” wide
- Hand controls for X-axis, Z-axis, and Emergency Stop
- Base controls to raise and lower platform
- Auxiliary air connection in platform with Filter/Regulator/Lubricator for tools and equipment
- 40” high guardrails with 4” toe boards
- Self-closing gate on one end of platform
- Horizontal speed variable up to 40 FPM
- Vertical speed 15 FPM
- Requires clean, dry, air supply of 50 SCFM @ 90 PSI

Platform size and capacity make this a versatile lift system for applications in fabrication and assembly areas. Platform can be modified with roll-outs and entry gate options.

Model TK: Rail Guided Lift Systems

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Working Height</th>
<th>Max Raised Floor Height</th>
<th>Min Lowered Floor Height</th>
<th>Platform Length</th>
<th>Overall Platform Width</th>
<th>Overall Width with Lights</th>
</tr>
</thead>
<tbody>
<tr>
<td>TK</td>
<td>156”</td>
<td>84”</td>
<td>18”</td>
<td>120”</td>
<td>41”</td>
<td>63”</td>
</tr>
</tbody>
</table>

Slab Type Machine should only be raised on a hard flat level surface.
All models meet applicable OSHA/ANSI Standards as interpreted by LPI, Inc.
Model LPSPH: Work/Catch Platforms

The LPSPH Work/Catch platform is a versatile and easily modified lift system. The operator platform can be adjusted in length with the roll-outs situated on each end. The base height can be raised or lowered on the adjustable legs to allow for positioning over obstacles.

- Raised platform height up to 129"
- Minimum lowered platform height 44"
- Capacity (Maximum): Platform: 1500# Roll-out: 300#
- Pneumatic/hydraulic power for hazardous areas
- Electric/hydraulic power for non-hazardous areas
- Filter/Regulator/Lubricator (pneumatic versions only)
- Platform length 123", extendable to 198"
- Platform width 35", Roll-out width 30"
- Fixed hand controls with Emergency Stop
- Base controls to raise and lower platform
- 3/8 NPT auxiliary air supply in operator platform
- 42" high guard rail with self-closing gate
- Vertical speed 15 FPM
- Platform can be modified for size and entry gate location
- Adjustable leg height for positioning over products or fixtures
- Locking swivel casters
- Requires clean, dry, air supply of 50 SCFM @ 90 PSI

![Platform with Roll-outs Retracted](image1)

![Platform with Roll-outs Extended](image2)

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Working Height</th>
<th>Max Raised Floor Height</th>
<th>Min Lowered Floor Height</th>
<th>Platform Length</th>
<th>Overall Platform Width</th>
<th>Inside Width of Roll-outs</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPSPH35123120</td>
<td>201&quot;</td>
<td>129&quot;</td>
<td>44&quot;</td>
<td>123&quot;/198&quot;*</td>
<td>35&quot;</td>
<td>26 1/2&quot;</td>
</tr>
</tbody>
</table>

* Platform with Roll-outs in retracted/extended position.

Slab Type Machine should only be raised on a hard flat level surface.

All models meet applicable OSHA/ANSI Standards as interpreted by LPI, Inc.
Model EWT & EWP: Elevating Work Tables and Platforms

EWT & EWP scissor lifts are compact and versatile. EWT is an air/hydraulic powered adjustable height work table suitable for use in hazardous environments to ergonomically position products or material. The EWP is a handy air/hydraulic personnel lift that’s ideal for use in confined or narrow work areas.

- Platform dimensions 66” long x 20” wide
- Maximum raised platform height 46”
- Lowered platform height 10”
- Platform capacity EWT = 1000#
- Platform capacity EWP = 500#
- EWP: guardrails 42” high with 4” toe boards
- Pneumatic/hydraulic power unit
- Requires clean, dry, air supply of 8 SCFM @ 100 PSI
- Travel speed up: 5 FPM
- Travel speed down: 15 FPM
- EWT reduces fatigue and minimizes excessive movement associated with manual lifting and positioning

Options:
- Caster Kit**
- Bolt Down Kit**
- T-Bar Transport Kit
- Access Ramp Kit*

*CCan only be used with bolt down kit
**Cannot be used together

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Working Height</th>
<th>Raised Floor Height</th>
<th>Lowered Floor Height</th>
<th>Platform Capacity</th>
<th>Overall Length</th>
<th>Overall Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>EWT-4 (Work Table)</td>
<td>10'</td>
<td>46&quot;</td>
<td>10&quot;</td>
<td>1000#</td>
<td>66&quot;</td>
<td>20&quot;</td>
</tr>
<tr>
<td>EWP-4 (Work Platform)</td>
<td>10'</td>
<td>46&quot;</td>
<td>10&quot;</td>
<td>500#</td>
<td>66&quot;</td>
<td>20&quot;</td>
</tr>
</tbody>
</table>

SLAB TYPE MACHINE SHOULD ONLY BE RAISED ON A HARD FLAT LEVEL SURFACE.
All models meet applicable OSHA/ANSI Standards as interpreted by LPI, Inc.
INSTALLATION KITS FOR SCISSOR LIFTS

Standard Installation Kits Include:

- Lower guide rail, 2" x 2" x ¼" tube, is pre-drilled for concrete anchors
- Concrete anchors for securing guide rail and rail stops for the ends of lift travel
- Main air line assembly including main air hose, NPT couplers, strain relief, and hose clamps
- Hose reel festooning kit includes a lift mounted, retractable hose reel with main air line
- Overhead festooning kit includes festooning track for mounting to ceiling or wall and hose trolleys/carriers
- Length of installation kit rails and hose available in 10' increments

Standard Festooning Options

- Hose Reel Festooning
- Overhead Festooning

Standard Guide Rail Mounting

- Surface Mounted
- Recessed
- Floor Slot

Guide Rail Options:

- Mounting plates, anchoring tabs or spacers (to elevate rail for drainage)
- Optional bumper and end rail stops
- In floor guide or recessed channel for lower guide rail (consult LPI for options and included material)
- Rail shape/material may change depending on customer or application requirements

***Custom design options available - Consult Factory***

LPI can offer a technician to assist with installation of our equipment. Contact LPI for more information.
SCISSOR LIFTS & WORK PLATFORMS

Scissor Lift Modifications

STANDARD LIFT OPTIONS:

• Foot control for vertical or horizontal travel
• Accordion skirt/bellows
• Explosion proof lights and switch (TK only)
• Platform roll-outs/extensions
• Electric/hydraulic power unit
• Rubber bumper stops (rail guided lifts only)
• Specialty paint color and types

Above is a partial list of modifications that LPI can make to your lift to better fit your application. We will involve you in all aspects of the design process to find the best fit of features to address your specific process and needs.

TYPICAL APPLICATIONS:

• Paint/Powder/Coating Application
• Blast Booth/Room (Stripping & Surface Prep)
• Welding/Fabrication/Assembly
• Wash/Rinse (Prep)
• Fall Protection/Safety/Ergonomics
• Maintenance/Inspection
• Material Handling/Loading Bays
• Clean Room

COMMON INDUSTRIES SERVED:

• Aircraft & Aerospace
• Agricultural & Construction Equipment
• Electrical Power and Distribution
• Light Rail and Bus Manufacturing/Maintenance
• Military Equipment
• Rail Car and Locomotive Manufacturing/Maintenance
• Rail Systems
• Transit Authorities
• Trucks and Recreational Vehicles
OTHER LPI PRODUCTS

**Multi-Axis Lifts**
Standard and custom multi-axis personnel lifts

- Multi-Axis Paint Booth Lift
- Multi-Axis Extended Reach Lift
- Multi-Axis Blast Booth Lift

**Custom Design**
Custom lift systems for specific applications

- Large Work Platform
- Dual Mast Work Platform
- Overhead Lift System

**Material Handling**
Custom Solutions to meet your material handling needs

- Flatbed Loading Platform
- Material Retrieval System
- Material/Product Pick Unit

CHALLENGE US WITH YOUR APPLICATION!
WWW.LPI-INC.COM
With 30 years experience, LPI is the recognized industry leader in manufacturing lifts. Challenge us with your application.

Designed To Increase Productivity and Improve Personnel Safety

LPI, Inc.
Toll Free: 1-800-657-6956
Web: www.lpi-inc.com
E-mail: sales@lpi-inc.com

Paint Finishing
Manufacturing
Maintenance
Material Handling
Hazardous Locations
Custom Applications

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.