



## Lift Install Basics

### Concrete Requirements:

**LIFT LOCATION:** Always use the architectural plans when available. Check layout dimensions against floor plan requirements making sure that adequate space is available.

**OVERHEAD OBSTRUCTIONS:** The area where the lift will be located should be free of overhead obstructions such as heaters, building supports, electrical lines etc.

**DEFECTIVE CONCRETE:** Visually inspect the site where the lift is to be installed and check for cracked or defective concrete.

**LEVEL FLOOR:** A level floor is suggested for proper installation. Proper shimming may compensate for small differences in floor slopes. If a floor is of questionable slope, consider a survey of the site and/or the possibility of pouring a new level concrete slab. Specifications of concrete must be adhered to. Failure to do so could cause lift failure resulting in personal injury or death. A level floor is suggested for proper installation and level lifting. Small differences in floor slopes may be compensated for by proper shimming. If a floor is of questionable slope, consider a survey of the site and/or the possibility of pouring a new level concrete slab.

- **DO NOT** install lifts on any asphalt surface or any surface other than concrete.
- **DO NOT** install lifts without first consulting building architect.
- **DO NOT** install lifts on expansion seams or on cracked or defective concrete.
- **DO NOT** install lifts on a second / elevated floor without first consulting building architect.

Lift owners and end users are responsible for the safe installation of their lift. The figures above represent suggested concrete specifications but should not be construed as actual requirements for your building, facility or application. Because local and statewide building codes may change and/or vary, always check with the building architect before installation for additional guidance on UBC compliance requirements. In no event shall Bend-Pak Inc. be liable for special, consequential or incidental damages for the misinterpretation of this information. Bend-Pak Inc. reserves the right to make changes to this document without incurring any obligation to notify the public that changes were made.

### Electrical:

The electrical requirements on all lifts do vary. Please consult with your dealer for proper hook-up requirements or review the applicable product catalogs thoroughly. **Note:** Most lift installation contractors WILL NOT do any electrical installation. All electrical work MUST be performed by a certified electrician only.

### Hydraulic Fluid Requirement:

Due to current DOT and insurance laws regarding the transport of hydraulic oils (DOT / Section 1 -- Hazardous Ingredients, DOT / Section 2 -- Fire and Explosion Hazards and DOT / Section 3 -- Health Hazards) hydraulic fluid is usually supplied by the end-user only and will be required for testing and operation. Dexron 3 ATF fluid is recommended.



**Air Requirement:**

An air supply (115 PSI / 15 CFM Min.) will be required for all four post lift models. Final installation and plumbing of necessary air supply will be the responsibility of the end-user unless prior arrangements have been made with your installation contractor.

**Forklift Requirement:**

When an order is shipped via a freight truck it is the customer's responsibility to have means of unloading the freight. In most instances gate delivery will prove impossible due to the size and the weight of the lifts.

**Installation Site:**

It is the customer's responsibility to provide a clean work environment for the installation crew. Unless previously arranged, installation crews will not be responsible for any tearing-down of equipment and cleaning the site for installation.

**Estimated Installation Costs:**

Bend-Pak uses a nationwide network of independent contractors for lift installations. We provide this as a service to our customers. The following prices are estimated only and do not include any accessorial charges including electrical, air, unloading or special handling. If you would like to have a lift installed at your location, please contact our customer service department by calling 1-805-933-9970 or email us at [contact@bendpak.com](mailto:contact@bendpak.com).

**The following prices are estimated only.**

**Two-Post Lift Models**

- 9K – 10K Models / \$495.00 – \$595.00
- 12K – 18K Models / \$695.00 – \$795.00

**Four-Post Lift Models**

- 9K Models / \$395.00 – \$495.00
- 12K Standard Models / \$500.00 – \$600.00
- 12K Alignment Models / \$695.00 – \$795.00
- 18K – 27K Standard Models / \$795.00 – \$995.00
- 18K – 27K Alignment Models / \$895.00 – \$1095.00
- 35K – 40K Standard Models / \$995.00 – \$1195.00

**Scissors Models**

- Runway Type Standard Models / \$500.00 – \$600.00
- Runway Type Alignment Models / \$895.00 – \$1095.00
- Frame-Contact Models / \$500.00 – \$600.00



**Minimum Concrete Specifications / Effective Date: 12/15/05**

Specifications of concrete must be adhered to. Failure to do so could cause lift failure resulting in personal injury or death. A level floor is suggested for proper installation and level lifting. Small differences in floor slopes may be compensated for by proper shimming. If a floor is of questionable slope, consider a survey of the site and/or the possibility of pouring a new level concrete slab.

<b>4-POST LIFTS</b>	<b>DESCRIPTION</b>	<b>MIN. CONCRETE SPECS</b>
HD-9ST-B	9,000 Capacity / Four Post Lift / Narrow Width	3-1/2 " Min. Thickness / 2500 PSI
HD-9-B	9,000 Capacity / Four Post Lift / Standard Width	3-1/2 " Min. Thickness / 2500 PSI
HD-9STX-B	9,000 Capacity / Four Post Lift / Narrow Width	3-1/2 " Min. Thickness / 2500 PSI
HD-9XW-B	9,000 Capacity / Four Post Lift / Standard Width	3-1/2 " Min. Thickness / 2500 PSI
HD-12SS-B	12,000 lb. Cap. / Space Saver	4 " Min. Thickness / 2500 PSI
HD-12-B	12,000 lb. Cap. / Extended	4 " Min. Thickness / 2500 PSI
HD-12X-B	12,000 lb. Cap. / Extended / Limo Style	4 " Min. Thickness / 2500 PSI
BP-18	18,000 lb. Cap. / Standard	4 " Min. Thickness / 2500 PSI
BP-27	27,000 lb. Cap. / Standard	4 " Min. Thickness / 2500 PSI
BP-27X	27,000 lb. Cap. / Extended	4 " Min. Thickness / 2500 PSI
BP-35	35,000 lb. Cap. / Standard	5 " Min. Thickness / 2500 PSI
BP-35X	35,000 lb. Cap. / Extended	5 " Min. Thickness / 2500 PSI
BP-40	40,000 lb. Cap. / Standard	5 " Min. Thickness / 2500 PSI
BP-40X	40,000 lb. Cap. / Extended	5 " Min. Thickness / 2500 PSI
BP-18A	18,000 lb. Cap. / Alignment	4 " Min. Thickness / 2500 PSI
BP-27A	27,000 lb. Cap. / Standard / Alignment	4 " Min. Thickness / 2500 PSI
BP-27XA	27,000 lb. Cap. / Extended / Alignment	4 " Min. Thickness / 2500 PSI
BP-35A	35,000 lb. Cap. / Alignment	5 " Min. Thickness / 2500 PSI
BP-35XA	35,000 lb. Cap. / Extended / Alignment	5 " Min. Thickness / 2500 PSI
HD-12LS-B	12,000 lb. Cap. / Alignment	4 " Min. Thickness / 2500 PSI
HD-12LSX-B	12,000 lb. Cap. / Alignment / Extended	4 " Min. Thickness / 2500 PSI
HD-12LSXE-B	12,000 lb. Cap. / Alignment / Limo Extended	4 " Min. Thickness / 2500 PSI
HDO-12LS-B	12,000 lb. Cap. / Alignment / Open Front	4 " Min. Thickness / 2500 PSI
HDO-12LSX-B	12,000 lb. Cap. / Alignment / Extended / Open Front	4 " Min. Thickness / 2500 PSI
HD-18	18,000 lb. Cap. / Standard	4 " Min. Thickness / 2500 PSI
HD-27	27,000 lb. Cap. / Standard	4 " Min. Thickness / 2500 PSI
HD-27X	27,000 lb. Cap. / Extended	4 " Min. Thickness / 2500 PSI
HD-35	35,000 lb. Cap. / Standard	5 " Min. Thickness / 2500 PSI
HD-35X	35,000 lb. Cap. / Extended	5 " Min. Thickness / 2500 PSI
HD-40	40,000 lb. Cap. / Standard	5 " Min. Thickness / 2500 PSI
HD-40X	40,000 lb. Cap. / Extended	5 " Min. Thickness / 2500 PSI

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<b>STANDARD 2-POST LIFTS</b>	<b>DESCRIPTION</b>	<b>MIN. CONCRETE SPECS</b>
XP-9	9,000 lb. Cap. / Floorplate / Narrow	4 " Min. Thickness / 3000 PSI
XP-9X	9,000 lb. Cap. / Floorplate / Wide	4 " Min. Thickness / 3000 PSI
XP-10C	10,000 lb. Cap. / Clearfloor / Narrow	4 " Min. Thickness / 3000 PSI
XP-10CX	10,000 lb. Cap. / Clearfloor / Wide	4 " Min. Thickness / 3000 PSI
XP-10AC	10,000 lb. Cap. / Asymmetric Clearfloor / Narrow	4 " Min. Thickness / 3000 PSI
XP-10ACX	10,000 lb. Cap. / Asymmetric Clearfloor / Wide	4 " Min. Thickness / 3000 PSI
XP-12CTA	12,000 lb. Cap. / Clearfloor / Triple Telescoping Arms	6 " Min. Thickness / 3000 PSI
XP-15C	15,000 lb. Cap. / Clearfloor	6 " Min. Thickness / 3000 PSI
XP-18C	18,000 lb. Cap. / Clearfloor	8 " Min. Thickness / 3000 PSI
XP-12FTA	12,000 lb. Cap. / Floorplate / Triple Telescoping Arms	6 " Min. Thickness / 3000 PSI
<b>SCISSOR LIFTS</b>	<b>DESCRIPTION</b>	<b>MIN. CONCRETE SPECS</b>
XR-12AE	12,000 lb. Cap. / Scissors / Alignment / Extended	4 " Min. Thickness / 2500 PSI
SP-45R	4,500 lb. Cap. / Scissors / Full-Rise Runway Style	4 " Min. Thickness / 2500 PSI
SP-7X	7,000 lb. Cap. / Scissors / Full-Rise Platform Style	4 " Min. Thickness / 2500 PSI
<b>SPECIALTY LIFTS</b>	<b>DESCRIPTION</b>	<b>MIN. CONCRETE SPECS</b>
PL-6SP	6,000 lb. Capacity Single Post Parking Lift / Deck	4 " Min. Thickness / 3000 PSI
PL-6SPX	6,000 lb. Capacity Single Post Parking Lift / Deck / Ext. Rise	4 " Min. Thickness / 3000 PSI
PL-7	7,000 lb. Capacity / 2-Post Parking Lift / Deck / Standard Rise	4 " Min. Thickness / 3000 PSI
PL-7X	7,000 lb. Capacity / 2-Post Parking Lift / Deck / Ext. Rise	4 " Min. Thickness / 3000 PSI
LR-60	6,000 lb. Cap. / Low-Rise Lift	3-1/2 " Min. Thickness / 2500 PSI
LR-60P	6,000 lb. Cap. / Low-Rise Lift / Portable	3-1/2 " Min. Thickness / 2500 PSI
MD-6XP	6,000 lb. Cap. / Mid-Rise / Frame Lift / Portable	3-1/2 " Min. Thickness / 2500 PSI
P-6	6,000 lb. Cap. / Low-Rise Lift / Pit-Style	3-1/2 " Min. Thickness / 2500 PSI
P-6F	6,000 lb. Cap. / Low-Rise Lift / Pit-Style / Flush Mount	3-1/2 " Min. Thickness / 2500 PSI

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