



HYDRAULIC JACK BENEFITS

Learn About Lift Solutions Hydraulic Equipment

Lift Solutions provides top quality elevator companies throughout North America. We provide in-ground, holeless and telescoping applications in a variety of sizes to handle any type of project.

FEATURES AVAILABLE WITH LIFT SOLUTIONS' JACKS

Below is a chart showcasing several capabilities and features that Lift Solutions can provide on hydraulic elevator jacks.

JACK FEATURES	AVAILABILITY
Slip Fit System	✓
In-Ground Applications	✓
Holeless Applications	✓
Synchronized Telescoping Applications	✓
In-Ground Telescoping Applications	✓
ACME Threads	✓
DOM Tubing	✓
Leak Detection	✓
Single Piece Configurations	✓
Multi-Piece Configurations	✓
Multiple Joint Options	✓
Adjustable Pit Channels	✓
Applied Extruded Coating	✓
Lifting Blocks	✓
Schedule 40 & 80 PVC	✓
Threaded / Slip Fit PVC	✓
Min. Piston Diameter of 1 7/8"	✓
Max. Piston Diameter of 18"	✓
Color Coded System on Multi-Piece Jacks	✓
Air Bleed Valve	✓
Pressurized Evacuation System	✓
Center-Line Marking	✓
Customizable Oil Inlet	✓
Cast-Iron Head w/ 1 or 2 Seal Configuration	✓
Oil Recuperator	✓

LEARN MORE ABOUT OUR JACK FEATURES

Lift Solutions provides top quality elevator jacks to elevator companies throughout North America.

IN-GROUND APPLICATIONS

Our in-ground applications come in a sealed PVC system. We can also provide replacement pistons or cylinders upon request.

HOLELESS APPLICATIONS

We also carry holeless applications.

SYNCHRONIZED TELESCOPING APPLICATIONS

Our synchronized telescoping jack applications use an internal guide to seal and check the valve to ensure true synchronization of the sections. The telescoping jacks are also pre-filled to save field labor time.

IN-GROUND TELESCOPING APPLICATIONS

We also provide an in-ground telescoping application. This is a great solution when facing a high water table, a solid rock bed, or any other restrictions that the project carries which will require this type of application.

ACME THREADED PISTON JOINTS

ACME threads create a stronger grip while also reducing thread-gripping and cross-threading. These threads decrease installation time and the number of issues when threading joints together in the field.

DOM TUBING

DOM (Drawn Over Mandrel) production increases the precision of the dimensions for the inside and outside diameters, a smoother finish and better alignment.

LEAK DETECTION

We can provide leak detection equipment upon request.

SINGLE PIECE CONFIGURATIONS

We carry single piece configurations up to 100,000 pound capacity.

MULTI-PIECE CONFIGURATIONS

We provide multi-piece configurations up to as many pieces as needed. Multi-piece jacks come with PVC pre-cut to the correct length and include non-flammable PVC glue for field installation.

MULTIPLE JOINT OPTIONS

We offer multiple joint options for specific project requirements. Our joint options include threaded without welding, threaded with welding, socket welded and bolted.

ADJUSTABLE PIT CHANNELS

Our adjustable pit channels make installation faster with the capability to install the pit channel on uneven surfaces.

APPLIED EXTRUDED COATING

An adhesive undercoating applied to several locations on the jack to help protect the hydraulic system.

LIFTING BLOCKS

Our lifting blocks facilitate the installation of in-ground applications to help hold the sections in place while the sections are securely mounted together. Standard on all one-piece in-ground jacks and optional for multi-piece jacks.

SCHEDULE 40 & 80 PVC

Our cylinders come in popular sizes of Schedule 40 and 80 PVC.

SLIP FIT PVC SYSTEM

Option available for a modified PVC assembly system eliminating bell-ends, couplings and external endcaps, allowing the use of a PVC in smaller hole diameters.

PISTON DIAMETERS

We can provide several sizes of jacks. The minimum piston diameter that we can manufacture is 1 7/8". The maximum piston diameter that we can manufacture is 20".

COLOR CODED SYSTEM

All multi-piece configurations are color-coded on each end of each section for easy and quick installation. The sections have been pressure tested at the factory and will align quickly and smoothly.

AIR BLEED VALVE

Easily remove all air from the system with the air bleed valve to save field labor time.

PRESSURIZED EVACUATION SYSTEM

Our pressurized evacuation system permits the evacuation of condensation.

CENTER-LINE MARKING

All center-lines of the jacks are marked for easier handling. Padded and crated packaging are also marked with the center-line for each shipment.

CUSTOMIZABLE OIL INLET

The size and type of oil inlet is determined by the customer.

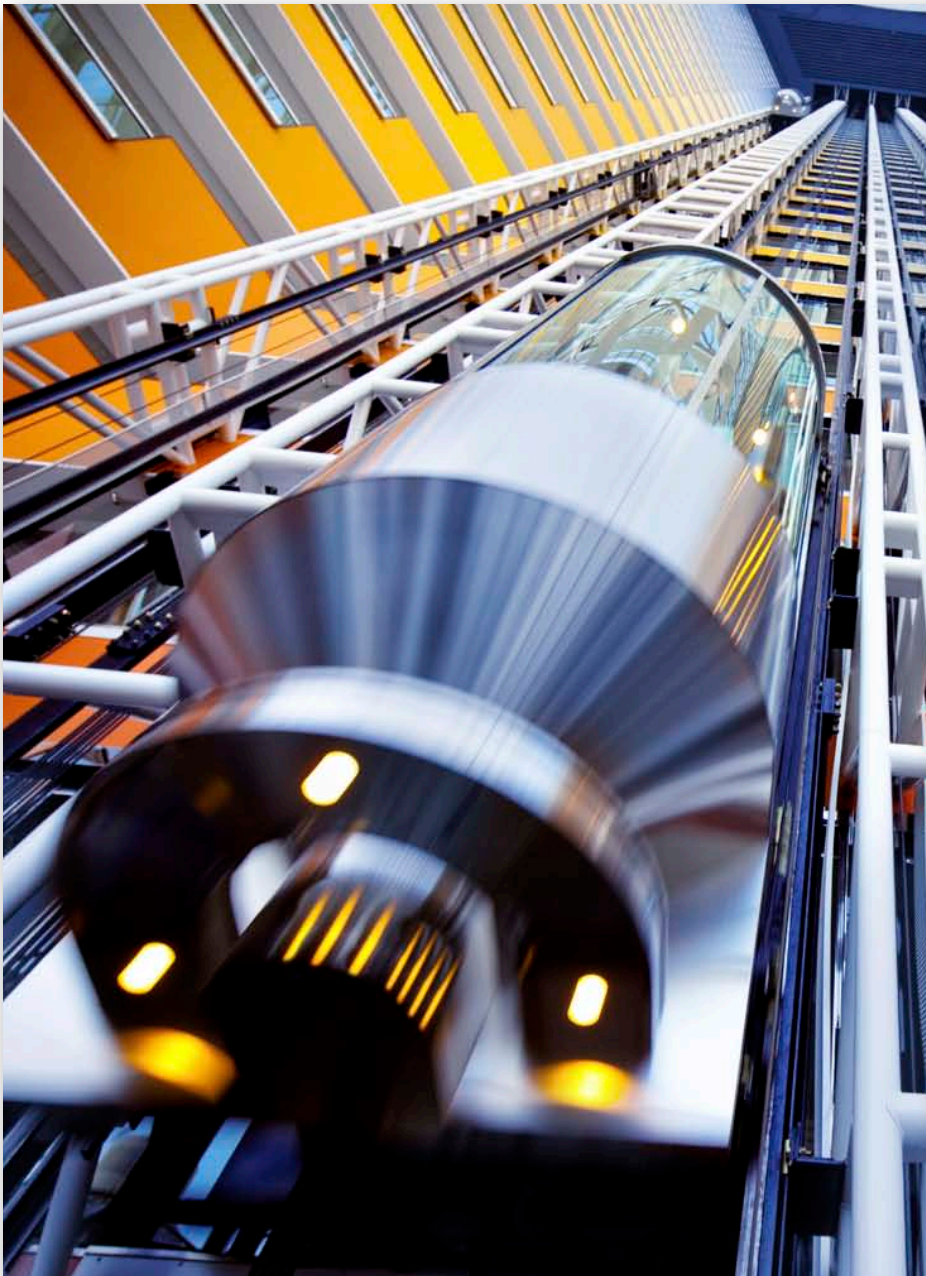
CAST-IRON HEAD (HOLELESS JACKS) BOLTED STEEL HEADS (IN-GROUND JACKS)

Available in 1 or 2 seal configuration, they are equipped with an air bleeder and oil recuperator.

OIL RECUPERATOR

The oil recuperator allows the hydraulic system to maintain oil volume integrity by recuperating oil back into the system.





Lift Solutions, Inc. is a leading provider of elevator equipment in North America. Elevator equipment that is available through Lift Solutions includes the following:

- Entrances
- Door Panels
- Cabs
- Fixtures
- Controllers
- Jacks
- Pump Units
- Elevator Carpet
- Replacement Parts
- Door Edges
- 3D Edges
- Handrails
- Limit Switches
- Wire Rope
- Door Operator Packages
- Modernization Packages
- New Construction Packages
- Group 1 Packages

Let us know how Lift Solutions can help you on your next elevator project. Please contact us today.

For more information,
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