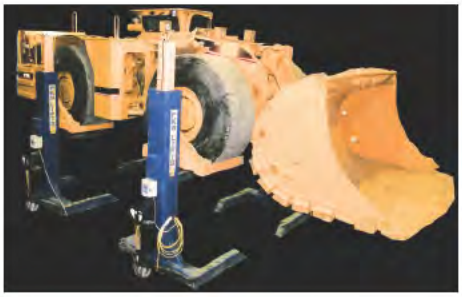
PKS LIFTS

MINING EQUIPMENT SERVICE LIFTS

www.pkslifts.com

Set of 4 columns with 40,000 lb capacity each, providing 160,000 lb total capacity for underground mining load haul dump loaders (shown above)



1 PKS MOBILE COLUMNS

If versatility AND portability is what you need, then PKS Mobile columns lifts are the answer.

- With smooth, powerful hydraulic lifting, PKS mobile columns are available in per column lifting capacities of 12,000 to 40,000lbs., and tire diameters up to 72 inches.
- High capacities are possible through use of high strength 7/8" fork lift mast main lifting columns and steel roller bearing on the carriage.
- PLC controlled carriage location on each column ensures synchronized lifting and dual valve leveling ensures smooth operation.
- Unique to the PKS mobile column is the ability to rest the load on the mechanical locks while not in use. The load is supported mechanically and not exclusively on the hydraulic system. Locks increments are every 3 inches. Additionally, each hydraulic cylinder incorporates a hydraulic velocity fuse.
- All columns for mining are galvanized and 24V controls are standard. Explosion proof controls are optional.
- **No installation, just plug-in and start working.**

2 PKS VERTICAL RISE PLATFORM LIFT

Versatile lifting for the entire fleet with unique mounting options.

- With a tall 78" rise, the PKS Scissor Platform lift can be mounted in any one of three configurations:
  - **installed flush to the floor with center island between platforms (shown above), or recessed without center island to maximize working height**
  - directly bolted to the floor in a "surface" configuration with ramps to access the lift
- The PKS Scissor platform lifts straight up, with no horizontal movement like other hinged lifts. Compact and no wider that the vehicle being lifted, the PKS Scissor Lift maximizes bay space.
- Access to the vehicle's underbody is greatly enhanced with no cross beams or torsion bars connecting the platforms.
- The lift platforms are electronically equalized side-to-side for even amd smooth lifting. As with all PKS products, each scissor mechanism incorporates independent mechanical locks and hydraulic velocity fuses on the cylinders.
- Custom platform lengths are available, with capacities to 160,000 lbs.

Underground mining load haul trucks (shown above)

3 PKS IN-GROUND PISTON LIFTS

When the shop floor must be free and clear of obstruction, there is no better choice than a PKS In-Ground Piston Lift.

- With no obstructions around the vehicle and the tires or tracks free for removal as soon as the vehicle raises off the floor, the PKS In-Ground is the choice for brake and tire work or track removal. When the lift is not in-use, the lift stows below the work shop floor.
- Available with multiple configurations of movable or fixed pistons with capacities to 75,000 lbs per piston.
- Every PKS piston lift has standard chrome plated pistons/rods and fiberglass coated cylinder casings for maximum life.
- Example of use in mining: lifting bulldozers for servicing tracks, track frames, idlers, and welding of ice lugs.
- PKS is the only company that can offer both traditional low pressure pistons, as well as high pressure, low volume pistons.

4 PKS 4 POST PLATFORM LIFTS

A cost effective solution for routine maintenance on your entire fleet.

- With minimal set-up time, the PKS 4-post can lift up to 160,000 lbs in a multiple column configuration, handling the heaviest vehicles with ease.
- Each column features integrated locking latch with a lock position every 3 inches. Additionally, each vertically lifting hydraulic cylinder has an integrated velocity fuse.
- Another advantage of the PKS 4-Post is custom platform lengths, allowing you to get exactly the lift to fit your shop.
- Every 4-post lift built for mining is galvanized for years of durable use.
- As an option, the lift can be built with an open front that eliminates the cross beam and facilitates personnel ingress and egress.

PKS is well known for our Quality Workmanship and Customer Service. Collectively, we have over 40 years of experience in the lift industry. PKS is a Leader in lift Innovation, utilizing a wide range of the newest technologies in lift controls and hydraulic fluid power.

CERTIFICATIONS

Everything PKS produces is built to the ANSI ALI-ALCTV-2008 Standard for Automotive Lifts Safety Requirements for Operation, Inspection and Maintenance. PKS is a member of the Automotive Lift Institute. The majority of our lifts have been tested and certified to meet or exceed the ETL requirements for lift safety. CSA approved controls are available on request. PKS is also registered as an ISO 9001 company.

NEW PRODUCT INTRODUCED

PKS has recently introduced a new, patent pending "segmented" platform lift designed for easier installation in subterranean mines. Built in sections that can be reassembled once in position, this unique PKS lift design makes it possible to move the lift down mine shafts and through narrow passages.

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