



# MAINTENANCE PIT SCISSOR LIFT

Model TK-48-S Rail Guided Air/Hydraulic Scissors Lift

With 30 years experience, LPI is the recognized industry leader in manufacturing lifts. Challenge us with your application.



## Model TK-48-S Rail Guided Air/Hydraulic Scissors Lift

Track guided maintenance pit lifts offer a versatile and efficient solution to the challenge of changing fluids on buses and other vehicles.

Lifts are powered by air, and have polyurethane coated wheels so the units are intrinsically safer in hazardous and flammable areas, such as pits.

The lift is powered along a guide rail allowing it to move back and forth down the length of the pit and then raised vertically to a desired work height.

Air to power the lift can be provided by either a hose reel or overhead festooning system and additional reels can be added to deliver grease and other fluids to the platform.

Lifts can also be fitted with explosion proof light fixtures mounted on the side rails to provide lighting to the underside of a vehicle making maintenance tasks easier and faster.

**Lifts can be designed to fit your specific application.**





Personnel Lifting Systems  
Custom Engineered Lift Solutions

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## ERGONOMIC LIFTING SYSTEMS • PRODUCTIVE SOLUTIONS

### Model TK-48-S Rail Guided Air/Hydraulic Scissors Lift

#### Operator Platform:

- Platform dimensions 120" long x 41" wide
- Maximum capacity 1000# with 300# max concentrated load
- Platform deck diamond safety plate
- 40" high guardrails with 4" toe boards
- Self-closing gate on one end of platform
- Operator control panel (opposite end from gate) has self-centering hand control valve to raise and lower the platform
- Movable tool tray 30" x 6" x 3" deep designed to clip on upper rail inside platform
- Emergency Stop button
- Emergency Descent activation button to lower lift if main air supply is interrupted
- Auxiliary air connection with Filter / Regulator / Lubricator for tools and equipment

#### Lift Operation:

- Lowered platform height of 18" from floor to platform deck
- Raised platform height mechanically limited 48" from floor to platform deck when fully raised, but capable of 84" maximum raised height
- Base controls to raise and lower lift platform
- Filter / Regulator / Lubricator located on base of lift
- Main air shutoff with lockout, located on base of lift
- Horizontal speed variable up to 40 FPM and vertical speed is 15 FPM.

#### General:

- 63" overall width with explosion proof lights mounted on lift or 41" wide without lights x 138 1/2" overall length
- Lift cylinder equipped with holding valve to prevent uncontrolled descent of platform in the event of a hydraulic hose failure
- Cylinder rod cover to reduce buildup of overspray
- Wheels are 8" diameter x 2" wide
- Scissor safety maintenance lock.
- Slab type equipment for use on hard, flat, level surface only
- Requires an air supply of 50 SCFM @ 90 psi having a 40°F dew point

