

AIR/HYDRAULIC SCISSOR LIFTS

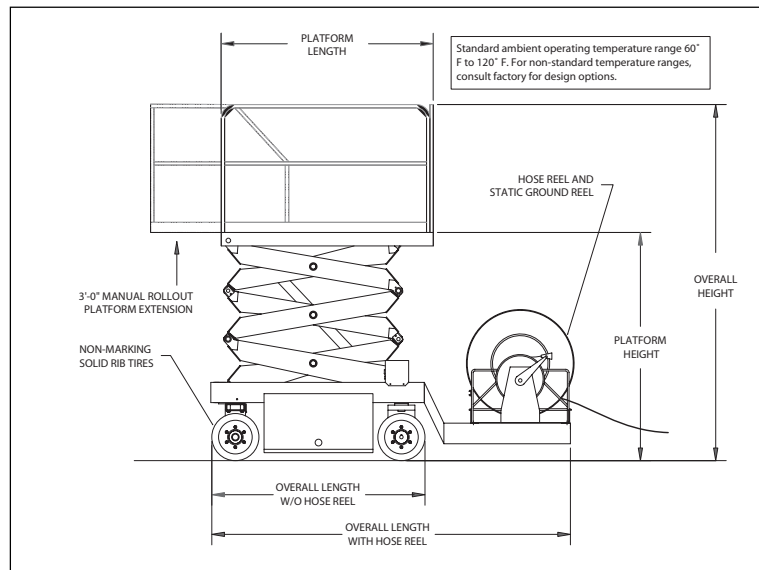
STEERABLE/DRIVABLE



- Controls - Direct acting hydraulics for positive and precise control.
- Steering - Steering is caster type which affords this machine unsurpassed maneuverability. (LPSV-1932 has 6" inside turning radius, LPSV-2646 has 44" inside turning radius).
- Extension Deck - a 3' rollout extension deck. Guardrails are of heavy duty rectangular tubing with a release handle on the guardrail. Rollout capacity 250 lbs.
- Platform - all steel deck has a slip resistant surface and 6" toe boards. Lanyard attachment points front and rear. Heavy duty rectangular tubing is used for the guardrails.
- Scissor Arms - The scissor arms are constructed of heavy duty tubular steel with cross bracing tubes at the ends for through shafts. All pivot points fitted with self-lube bushings. Lift cylinder is equipped with a holding valve.
- Swing out side covers on the base for access to all components.

ALL MODELS INCLUDE

- Pothole Protection - Ground clearance between wheels is reduced to 1/2" to prevent tipping if a wheel should happen to drop into a hole.
- 20 F.P.M. lift speed, 25 F.P.M. lowering speed
- Power source - Compressed air (unit requires clean dry air supply of 80 SCFM at 100 PSI).
Note: Actual air consumption dependent on lift duty cycle.



INSTALLATION KIT • (P/N LPSV-70-1K) INCLUDES

- 70' Hose reel and bracket, for mounting on lift to pay out and pick up air supply hose with minimum hose drag and maximum hose life.
- 50' Static ground reel.

Lift available without installation kit, for connection to air source or hose reel by customer.

NOTE: Hose reel mounted on lift adds to overall length and limits maneuverability to some extent.

MODEL NUMBER	MAXIMUM WORKING HEIGHT	MAXIMUM PLATFORM HEIGHT	LOWERED PLATFORM HEIGHT	OVERALL LOWERED HEIGHT	APPROXIMATE OVERALL LENGTH WITH HOSE REEL	APPROXIMATE OVERALL LENGTH W/O HOSE REEL	OVERALL WIDTH	INSIDE TURNING RADIUS	PLATFORM LENGTH	PLATFORM WIDTH	PLATFORM CAPACITY	SHIPPING WEIGHT
LPSV-1932	25'	19'	39"	79.5"	109.5"	68.5"	32"	6"	64"	31"	500 Lbs.	2,920 Lbs.
LPSV-2646	32'	26'	46"	72"	130"	89"	46"	44"	84"	45"	750 Lbs.	4,680 Lbs.

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. •

HYDRAULIC SCISSOR LIFTS

DUAL DRIVE

STANDARD & LATERAL DRIVE MODES



Model LPSD-2160 with custom operator platform shown in lateral drive mode.

Improves productivity by providing quick, precise and safe access to large equipment, confined spaces and work areas. Lateral 4 wheel drive allows operator to maneuver into places that standard scissor lifts can't reach.

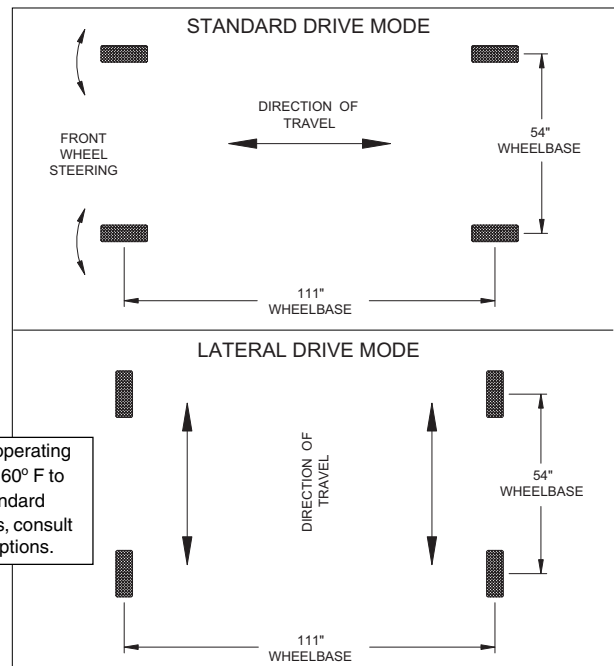
- Standard drive mode uses front wheels to drive and steer for minimum turning radius.
- Lateral drive mode, selected at the flip of a switch, turns all 4-wheels 90° enabling entire unit to travel sideways.
- Power source is 24 volts DC with (8) six volt batteries and automatic 50A charger.
- Operator platform of welded steel construction with 42" guardrails and lanyard tie off points in safety plate floor for operator safety.
- 60 F.P.M. travel speed (fully lowered), 30 F.P.M. travel speed (any raised position in standard drive). 15 F.P.M. travel speed in lateral drive mode.
- 18 F.P.M. lift/lower speed.
- Consult factory for custom requirements.

ALL MODELS INCLUDE

- Upper control station with E-stop and battery condition indicator.
- Lower control station to raise and lower platform from ground for safety and maintenance.
- 24" wide access gate.
- 14" OD x 5" wide solid rubber tires.
- Holding valves on lift cylinders to prevent uncontrolled descent of operator platform in event of hydraulic hose rupture or loss of pressure.
- Hour meter.
- PLC control system for reliability and ease of troubleshooting.

Standard ambient operating temperature range 60° F to 120° F. For non-standard temperature ranges, consult factory for design options.

THESE UNITS ARE ALSO AVAILABLE IN NON-ELECTRIC FULLY PNEUMATIC/HYDRAULIC POWERED VERSIONS FOR USE IN HAZARDOUS ENVIRONMENTS, (COMPRESSED AIR SOURCE NOT INCLUDED). CONSULT FACTORY FOR INFORMATION.



MODEL NUMBER	MAXIMUM WORKING HEIGHT	MAXIMUM FLOOR HEIGHT	MAXIMUM OVERALL HEIGHT RETRACTED	PLATFORM SIZE	OVERALL WIDTH	WHEEL BASE	FULLY LOWERED FLOOR HEIGHT	LOAD CAPACITY	SHIPPING WEIGHT
LPSD-2160	27'0"	21'0"	7'6"	60"x120"	60"	54"x111"	4'0"	1,200 lb.	6,500 lb.
LPSD-2860	34'0"	28'0"	8'2"	60"x120"	60"	54"x111"	4'8"	800 lb.	7,000 lb.

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