

PL Series

3-Axis Paint Booth Man Lift for Industrial Paint Applications



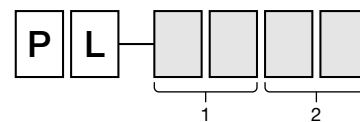
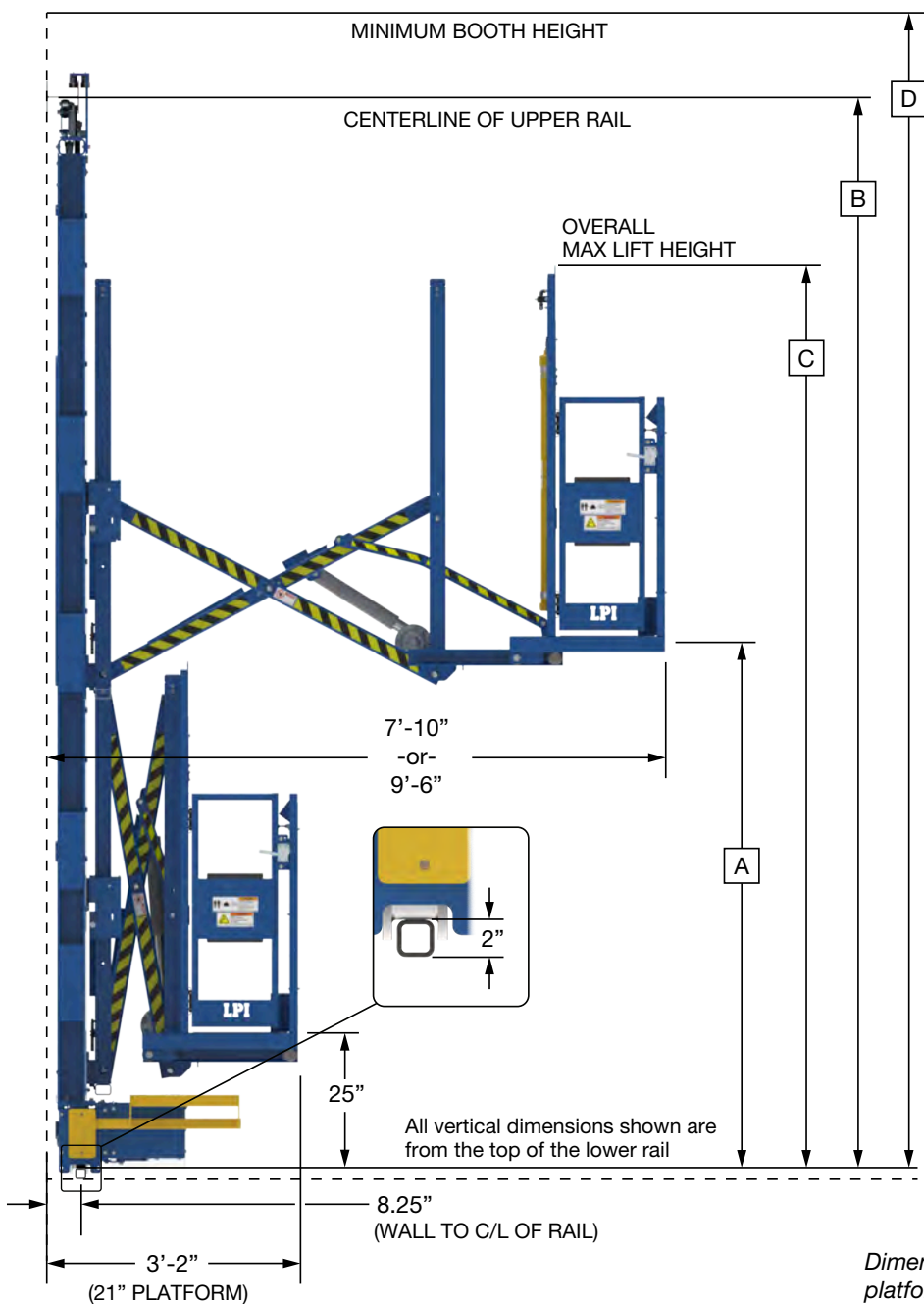
**Improve operator safety,
efficiency and productivity in
large surface coating
applications!**

The PL Series is a pneumatically powered 3-axis personnel lift system designed to provide safe, ergonomic operator access throughout large industrial paint and finishing environments. Guided by integrated floor and wall rail systems, the lift provides controlled horizontal, vertical, and lateral travel along the booth wall for precise positioning around large parts and equipment. The PL Series reduces reliance on ladders and scaffolding while helping improve operator safety, ergonomics, and efficiency during finishing operations.

Specifications (Standard Series Models)

- Max raised platform height: 22'
- Retracted dimension: 3' (minimum)
- Extended dimension: 8' or 10' (based on model)
- Operator platform capacity: 500 lbs.
- Standard platform dimensions: 48" wide x 21" deep
- Self-closing/self-latching entry gates
- Pneumatic/mechanical power unit
- Includes in-line air line filter/regulator/lubricator
- Operator controls on front rail of platform
- Hand controls for Y-axis, Z-axis, and E-stop
- Foot operated control for X-axis
- Base control to raise and lower platform from floor
- Auxiliary uncoiled air connection on platform
- Lift requires a clean, dry air supply:
 - 80 scfm @ 100 psi with a 40°F dew point
- X-axis travel (left/right) speed: Up to 40 fpm
- Y-axis travel (in/out) speed: Up to 15 fpm
- Z-axis travel (up/down) speed: Up to 15 fpm





PL Series Standard Configurations (Single Stage Scissors)

1	Raised Platform Height (Ft.)	06 THRU 22 (1 Ft. increments)
2	Extended Dimension (Ft.)	08 (8 Ft.) 10 (10 Ft.)

Model	A	B	C	D
PL-06xx	6'	9'-3"	11'-6"	12'
PL-07xx	7'	10'-3"	12'-6"	13'
PL-08xx	8'	11'-3"	13'-6"	14'
PL-09xx	9'	12'-3"	14'-6"	15'
PL-10xx	10'	13'-3"	15'-6"	16'
PL-11xx	11'	14'-3"	16'-6"	17'
PL-12xx	12'	15'-3"	17'-6"	18'
PL-13xx	13'	16'-3"	18'-6"	19'
PL-14xx	14'	17'-3"	19'-6"	20'
PL-15xx	15'	18'-3"	20'-6"	21'
PL-16xx	16'	19'-3"	21'-6"	22'
PL-17xx	17'	20'-3"	22'-6"	23'
PL-18xx	18'	21'-3"	23'-6"	24'
PL-19xx	19'	22'-3"	24'-6"	25'
PL-20xx	20'	23'-3"	25'-6"	26'
PL-21xx	21'	24'-3"	26'-6"	27'
PL-22xx	22'	25'-3"	27'-6"	28'

Dimensions shown are nominal and may vary based on platform size, travel requirements, and selected options.

Available Options

- 48" x 24" Platform (Deeper platform than standard)
- Tip-out Front Rail on Platform (Adds reach access)
- Mast Side Draft Cover (Reduces paint buildup on mast)
- Paint Pot Carrier (Single Pot)
- Breathing Air Connection (Hose not included)
- Platform Contact Bumper (Under platform style)
- Lower Rail Scraper (Reduces paint residue buildup)
- Auxiliary Flex Track (For auxiliary hoses to the platform)

LPI products help promote a safe and ergonomic work environment which contributes to improved worker productivity. Due to continuous product improvements, we reserve the right to make specification and/or equipment changes without prior notification.