

BL Series

3-Axis Blast Booth Man Lift for Industrial Abrasive Blast Applications



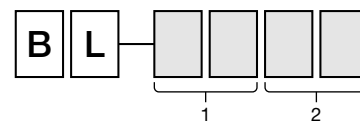
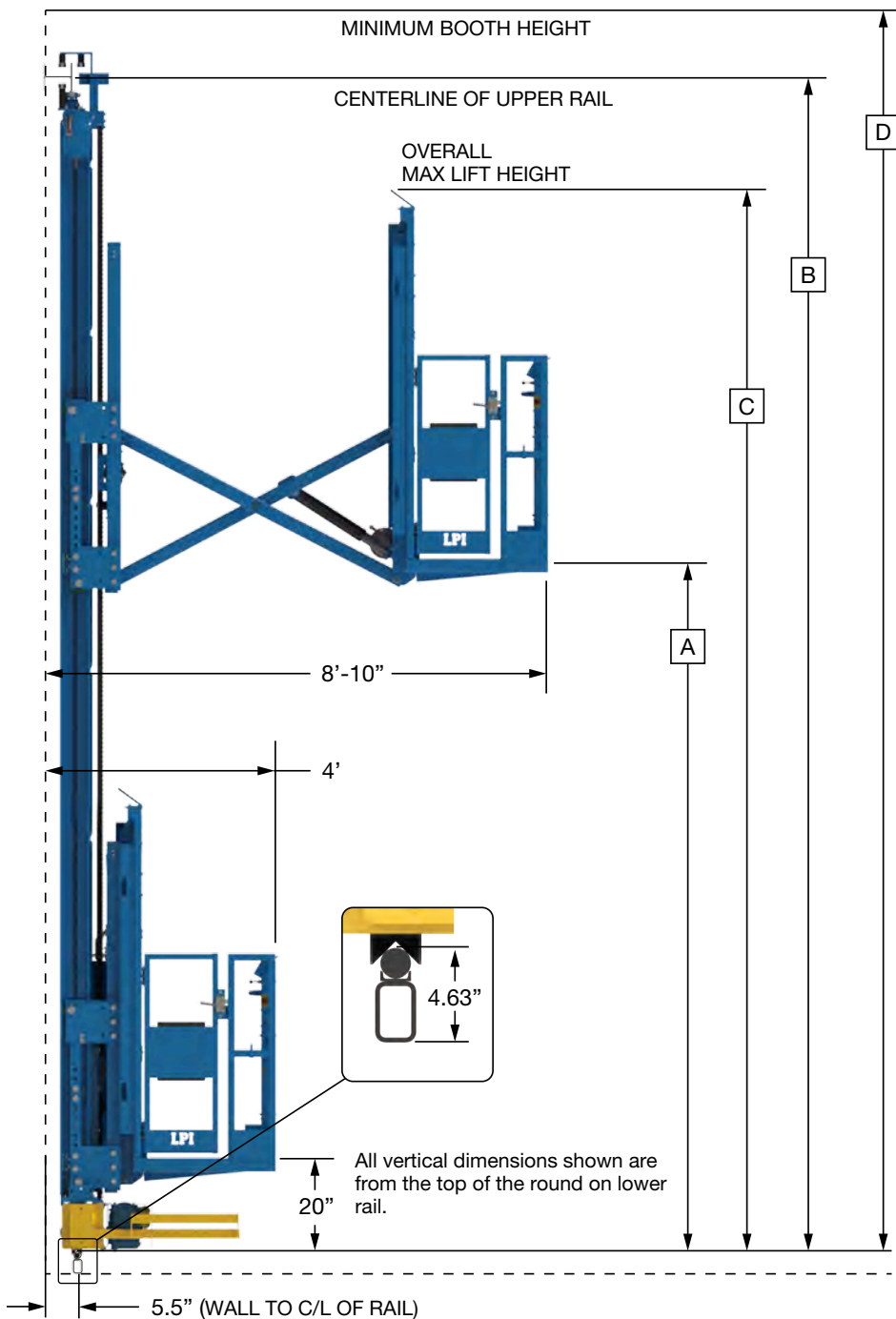
The BL Series is a pneumatically powered 3-axis personnel lift system designed to provide safe, ergonomic operator access throughout industrial abrasive blasting environments. Operating on floor and wall-mounted rail systems, the lift provides controlled horizontal, vertical, and lateral travel along the blast room wall for precise positioning around large parts and equipment. Built to withstand demanding blasting conditions, the BL Series reduces reliance on ladders and scaffolding while helping improve operator safety, ergonomics, and efficiency during blasting operations.

Specifications (Standard Series Models)

- Max raised platform height: 21'
- Retracted dimension: 4' (minimum)
- Extended dimension: 9'
- Operator platform capacity: 500 lbs.
- Standard platform dimensions: 48" wide x 30" deep
- Self-closing/self-latching entry gates
- Sealed mast construction
- Pneumatic/hydraulic 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 unooled 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

**Purpose-Built for Demanding
Blasting Applications.
Reduce Operator Fatigue!**





BL Series Standard Configurations (Single Stage Scissors)

1	Raised Platform Height (Ft.)	06 THRU 21 (1 Ft. increments)
2	Extended Dimension (Ft.)	09 (9 Ft.)

Model	A	B	C	D
BL-0609	6'	10'-11"	12'-6"	13'
BL-0709	7'	11'-11"	13'-6"	14'
BL-0809	8'	12'-11"	14'-6"	15'
BL-0909	9'	13'-11"	15'-6"	16'
BL-1009	10'	14'-11"	16'-6"	17'
BL-1109	11'	15'-11"	17'-6"	18'
BL-1209	12'	16'-11"	18'-6"	19'
BL-1309	13'	17'-11"	19'-6"	20'
BL-1409	14'	18'-11"	20'-6"	21'
BL-1509	15'	19'-11"	21'-6"	22'
BL-1609	16'	20'-11"	22'-6"	23'
BL-1709	17'	21'-11"	23'-6"	24'
BL-1809	18'	22'-11"	24'-6"	25'
BL-1909	19'	23'-11"	25'-6"	26'
BL-2009	20'	24'-11"	26'-6"	27'
BL-2109	21'	25'-11"	27'-6"	28'

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

Integrated Features

- Grated floor to prevent blast media build up
- Operator platform designed to support and transport blast media hose
- Sealed vertical driveline for use in harsh blast conditions
- Breathing air connection point on platform

Custom BL Series configurations are available for applications requiring safe operator access at heights greater than 21 feet.

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.

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