

Pentalift MultiStage Scissor Lift Tables

A Complete Line of High Quality MultiStage Scissor Lifts



Pentalift MultiStage Scissor Lifts

Pentalift Equipment Corporation is the Industry wide recognized leader in the design and manufacture of Multistage Scissor Lift Tables. Multistage Scissor Lift Tables are used to provide relatively high vertical travel with a minimum platform size. From the initial project discussions to the successful completion, Pentalift’s knowledgeable Sales and Engineering professionals will work with you to assure a safe and productive installation. Multistage Scissor Lifts are often used to service mezzanines and are frequently used as elevated maintenance

platforms, or as elevated production assembly platforms. Some of the smaller models are used in congested work areas as an ergonomic work positioner. The comparatively small “foot print” of this design of lift table does not require a lot of floor space. This brochure illustrates a number of the most commonly requested Multistage Scissor Lifts, many additional sizes, capacities and options are available to suit a wide range of applications. Please contact your Pentalift Sales Representative to discuss the details and specific requirements of your project.



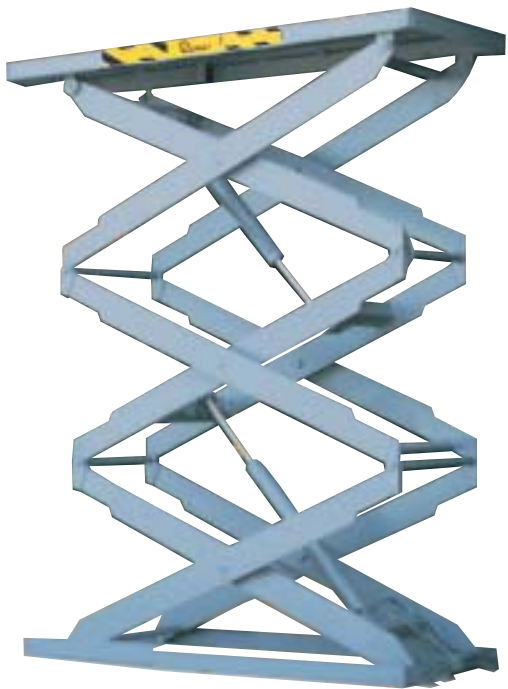
6DSL Series Double Scissor Lift Table					
Model No.	Capacity (lb.)	Low Height (in.)	Travel (in.)	Platform Size W x L (in.)	
				Min	Max
6DSL1224.5	500	6"	30"	12"x24"	12"x36"
6DSL1624.5				16"x24"	28"x36"
6DSL16241	1000	6"	30"	16"x24"	28"x36"
6DSL18301.5	1500	6"	36"	18"x30"	30"x42"

Design Features: As Standard all Models of Pentalift Multistage Scissor Lifts are supplied with an external pumping unit sized to meet the lift speed requirements of each application. All units have pre-wired NEMA 12 Motor Controls, lubricated for

life maintenance free bearings at all pivot points, solid steel scissor legs for strength and stability. Many safety and performance related options are available to suit the individual application requirements.

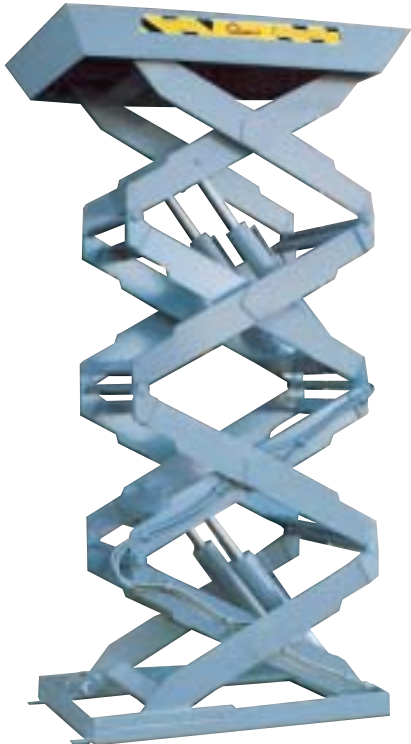
XDSL Series Double Scissor Lift Table					
Model No.	Capacity (lb.)	Low Height (in.)	Travel (in.)	Platform Size W x L (in.)	
				Min	Max
12XDSL602.5	2500	12"	60"	24"x48"	48"x60"
12XDSL902.5	2500	12"	90"	30"x72"	54"x84"
12XDSL604	4000	12"	60"	24"x48"	48"x60"
12XDSL904	4000	12"	90"	30"x72"	54"x84"
12XDSL606	6000	12"	60"	30"x48"	48"x60"
12XDSL906	6000	12"	90"	30"x72"	54"x84"

NOTE: Consult Factory for other Models available within this range



XTSL Series Triple Scissor Lift Table					
Model No.	Capacity (lb.)	Low Height (in.)	Travel (in.)	Platform Size W x L (in.)	
				Min	Max
22XTSL902.5	2500	22"	90"	36"x48"	48"x60"
22XTSL1322.5	2500	22"	132"	48"x72"	60"x84"
22XTSL904	4000	22"	90"	36"x48"	48"x60"
28XTSL1804	4000	28"	180"	72"x96"	84"x108"
22XTSL906	6000	22"	90"	36"x48"	48"x60"
28XTSL1806	6000	28"	180"	72"x96"	84"x108"

NOTE: Consult Factory for other Models available within this range



XQSL Series Quad Scissor Lift Table					
Model No.	Capacity (lb.)	Low Height (in.)	Travel (in.)	Platform Size W x L (in.)	
				Min	Max
20QSL3636.5	500	20"	96"	36"x36"	Consult Factory
28QSL48682.5	2500	28"	168"	48"x68"	Consult Factory
44QSL48962.5	2500	44"	230"	48"x96"	Consult Factory
48QSL1021263.5	3500	48"	324"	102"x126"	Consult Factory
44QSL48966	6000	44"	230"	48"x96"	Consult Factory
52QSL488210	10000	52"	168"	48"x82"	Consult Factory

NOTE: Consult Factory for other Models available within this range

Recent examples of “Application Designed” Pentalift Multistage Lift Tables



EXCLUSIVE PENTALIFT



HYDRAULIC CYLINDER

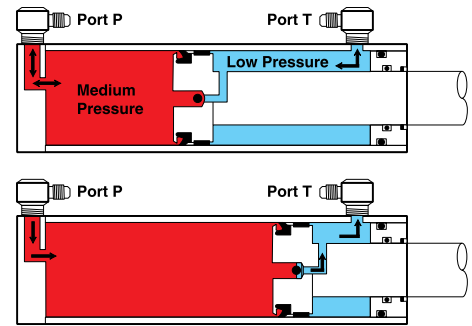
The lift cylinder is the heart of any hydraulic lift system. Pentalift's exclusive design ensures the longest cylinder life, reduces maintenance and eliminates oil spills.

HERE'S HOW IT WORKS:

Pentalift's PentaFLOW cylinder is completely sealed from the surrounding atmosphere and all components are continuously bathed in fresh oil. Contamination and deterioration of the cylinder cannot occur. When the cylinder reaches full extension, the bypass valve opens and allows oil to flow through the piston to the rod side of the cylinder, out the port, and back to the reservoir. This prevents the cylinder from dead ending and building high stresses in the cylinder, equipment structure, and hydraulic system.

Air in the cylinder is automatically ejected through the bypass valve. The need for manual bleeding which often results in oil spills is eliminated.

Note: Precision turned, ground, polished and chrome plated cylinder rod and “drawn over mandrel” precision honed barrel are standard on all PentaFLOW cylinders.



■ Oil under medium pressure

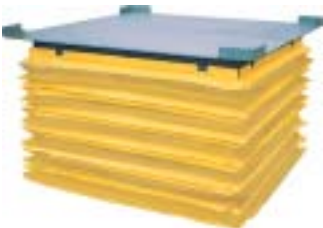
Port P (Oil from pump)

■ Oil under low pressure

Port T (Oil to reservoir)

Options

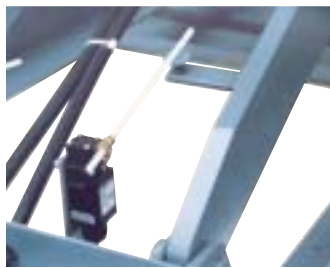
Accordion Bellows



Enclose internal components and minimize debris entry

“Up Travel” Limit Switch

Available for precise, repetitive positioning.



Free Fall Protection

Three forms of protection are available, each connected rigidly to base of cylinders. Choices are

1. Flow control
2. Velocity Fuse (as illustrated)
3. Solenoid Valve.

Application determines selection.

Power units

Power units options include:

- Various supply voltages
- Various horsepower ratings to achieve faster cycle times
- Remote or self contained installations
- DC voltage
- Pneumatically powered
- Custom configurations to suit various applications



Consult a Pentalift Sales Representative for additional information or equipment recommendations.

Note: Some photos may reflect products with optional features. All Pentalift Equipment products are subject to design improvement through modification without notice.

PENTALIFT EQUIPMENT CORPORATION

PO Box 1510 Buffalo NY U.S.A. 14240-1510

Phone: (519) 763-3625 Fax: (519) 763-2894

PO Box 1060 Guelph ON Canada N1H 6N1

Phone: (519) 763-3625 Fax: (519) 763-2894

CP 1219 Pointe-Claire QC Canada H9S 5K7

Phone: (514) 426-0219 Fax: (519) 763-2894

Website: www.pentalift.com

Email: multistage@pentalift.com