

How To Select A Scissor Lift

Vertical Travel:

Determine the maximum raised height requirements to select vertical travel



Load Capacity and Side / End Loading Capabilities:

Load capacity is the amount of weight of an evenly balanced and centered load. Side / End capacity is the weight of the load over the edge when the lift is in a fully raised position (less the balanced load capacity).

Platform Size:

Standard platform sizes conform to standard base sizes. Platform sizes may be widened and / or lengthened. Side to end capacity will decrease by about 2% per inch on all oversized platforms.

Power Supply:

Single phase 1 or 1.5 HP motors are standard. Three phase 1 & 1.5 HP motors are available. All Handle-IT™ power packs and electrical wiring are CSA and UL approved. External / remote, continuous operating motors, air motors, and hazardous location motors are available. Please consult our sales representative for your specific needs. Air operated motors powered from shop air need 85 psi and 15 cfm on pneumatic scissor lifts.

Controls:

Hand-held, push button, button up and down control is standard. Optional foot operated controls, wall-mounted controls and limit switches are alternate types of controls. On floor level scissor lifts, double scissor lifts, and pneumatic units either hand or foot control is available at no extra charge.

Frequency and Speed of Operation:

Standard motor is rated for intermittent duty. If usage is more than one full lift every four minutes or jogging action every ten seconds, motor will overheat. Optional external power units are available for continuous operation, as well as for increased lift speeds.

Lowered Height

For a lower than standard height, pit mounted units (ground level) are available. Pit mounted units must have beveled platform edges or electro-mechanical toe guards to conform to OSHA recommendations. All Handle-IT™ industrial scissor lifts conform to ANSI MH23.1-1994.

Mechanical

Oversized platforms: platforms can be widened and lengthened.

Platforms with beveled edges: increases standard platform on each side.

Semi-portable (for moving empty lifts): 2 steer wheels - side or end mounted with wheeled dolly. For oversize platforms speak with our sales representative.

Portable package available with two fixed and two swivel casters for moving loaded units.

Turntable: custom sizes are available

Conveyor Tops, Ball Transfer Platforms and special fixtures available upon request.

Electrical Controls:

Push button hand-held control (NEMA 12).

Optional foot operated up / down control with safety cover.

Wall-mounted control (NEMA 4) is available.

Pedestal-mounted controls feature NEMA 12 push button enclosure.

Additional Options:

Accordion (bellows) skirt

Non-flammable hydraulic fluid

Wash down units

Adjustable flow control valve

Fork pockets

Stainless steel units