

Glossary of Terms

Accordion Skirting (Bellows): A device attached to the lift table platform that covers the internal components of a lift table.

Airbag: A pneumatic device used to raise and lower a lift table

Axle Load: A dynamic load which is applied to the edge of a lift platform in any raised position.

Base Frame: The bottom component of a scissor lift table.

Bevel Toe Guard: A plate mounted flush with the vertical edge of the platform and slanted inwardly to eliminate a shear point when a lift table is pit mounted.

Control: A device used to regulate the function of a unit.

Cylinder: A device that converts fluid power into linear force and motion.

Electric Toe Guard: A device mounted below the platform such that when an obstruction is met during descent, the lift will be brought to rest before entrapment can occur.

End/Side Edge Load Capacity: The maximum amount of static load that can be applied to the edge of the platform (end or side) when the lift is in any raised position.

Hinged Bridge: A hinged transition plate which is attached to the edge of the platform and used to bridge the gap between the platform and the landing and/or truck bed.

Lifting Capacity: The rated load of a scissor lift applied as a uniformly distributed load.

Limit Switch: An electro/mechanical device used to locate a lift table platform at a specific height.

Load Center: The horizontal distance from the back of the forks or platform to the center of gravity of the load being lifted.

Lowered Height: The height of the platform in the fully retracted position.

Maintenance Device (Safety Chock): A device used to secure the lift in a raised position while routine maintenance or service is being performed.

Platform: The top component of a lift table

Platform Ends: The edges of the platform that are perpendicular to the scissor legs. The end dimension is considered the platform width.

Platform Sides: The edges of the platform that are parallel to the scissor legs. The side dimension is considered the platform length.

Portability Set: A device used to move or relocate an empty lift. Lift equipped with 2 fixed wheels, pull plate and "T" handle.

Power Unit: An integral power supply unit usually containing a pump, motor (air or electric), reservoir, relief valve, and directional control.

Rated Capacity: The maximum load which can be applied according to the manufacturer's specification.

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Raised Height: The maximum height of the platform deck when a unit is in the fully extended position.

Rollover Capacity: The maximum amount of single axle load which may be rolled over the platform surface when the lift is in lowered position.

Scissor Lift: A raising/lowering device that is supported or stabilized by one or more sets of pantograph leg section.

Stacker: A manually maneuvered device that is used to raise or lower a product to a specific elevation. The vertical action can be either powered or manual.

Tilter: A device used to position product by tilting to a specific angle.

Transport Set: A device used to move or relocate a loaded lift. Lift equipped with 4 casters.

Turntable: A device used to position product by turning to a specific location.

Vertical Creep: Extremely slow speed movement of a scissor lift that is the result of normal, internal settling of fluid control valves.

Vertical Travel: The difference between the fully raised height of the platform deck and the fully lowered height of the platform deck.

