

Markham Scissor Lift Safety Training

Markham Scissor Lift Safety Training - A scissor lift is a kind of platform lift which moves vertically. The lift table is moved in a vertical motion due to criss-cross folding supports which are connected in what is referred to as a pantograph. The platform can propel vertically because of the application of pressure to the outside of the lowest set of supports. This elongates the crossing pattern and causes the machine to rise. Various models of scissor lift even have an extending "bridge" which allows operators to have closer access to the work area because the vertical only movement can have some inherent limits.

Scissor Lifts can contract by various means like for instance mechanical, via a lead screw or rack and pinion system, or hydraulic or pneumatic. There are a wide variety of models offered on the market. Some kinds might need no power to enter "descent" mode but instead rely on a simple release of hydraulic or pneumatic pressure depending on the power system used. These pneumatic and hydraulic methods of powering these lifts are preferred as releasing a manual valve gives a fail-safe choice of returning the platform to the ground.