

Langley Scissor Lift Safety Training

Langley Scissor Lift Safety Training - A scissor lift is a type of platform lift which moves vertically. The lift table is moved in a vertical motion due to criss-cross folding supports which are linked in what is known 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 types of scissor lift also have an extending "bridge" that enables operators to have closer access to the work area since the vertical only movement could have some inherent restrictions.

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