

Barrie Scissor Lift Safety Training

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

Scissor Lifts could contract by various means including mechanical, via a rack and pinion or lead screw system, or hydraulic or pneumatic. There are various kinds obtainable on the market. Various kinds may require no power to enter "descent" mode but instead rely on a simple release of hydraulic or pneumatic pressure depending on the power system employed. These hydraulic and pneumatic methods of powering these lifts are preferred because releasing a manual valve provides a fail-safe choice of returning the platform to the ground.