

Scissor Lift Safety Training St Catharines

Scissor Lift Safety Training St Catharines - A Scissor Lift is a practical type of platform that normally moves in a vertical direction. The apparatus is capable of this movement due to the use of folding supports that are linked in a criss-cross pattern called 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. Some types of scissor lift also have an extending "bridge" which allows operators to have closer access to the work area since the vertical only movement could have some inherent limits.

There are numerous different models of scissor lifts obtainable. They can be powered by a variety of ways like mechanical, via a lead screw or rack and pinion system, or pneumatic or hydraulic. Several kinds may require no power to enter "descent" mode but instead depend on a simple release of pneumatic or hydraulic pressure depending on the power system utilized. These pneumatic and hydraulic methods of powering these lifts are preferred as releasing a manual valve provides a fail-safe option of returning the platform to the ground.