

Edmonton Scissor Lift Safety Training

Edmonton Scissor Lift Safety Training - A Scissor Lift is a helpful type of platform which normally moves in a vertical direction. The machinery is capable of this movement because of the use of folding supports that are linked in a criss-cross pattern known as a pantograph. The platform is able to 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 equipment to rise. Some types of scissor lift even have an extending "bridge" that allows operators to have closer access to the work area since the vertical only movement could have some inherent limits.

There are lots of different models of scissor lifts available. They can be powered by various ways like for instance mechanical, via a lead screw or rack and pinion system, or hydraulic or pneumatic. 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 utilized. These hydraulic and pneumatic methods of powering these lifts are preferred because releasing a manual valve gives a fail-safe option of returning the platform to the ground.