

Scissor Lift Safety Training Alberta

Scissor Lift Safety Training Alberta - A scissor lift is a type of platform lift which moves vertically. The lift table is moved in a vertical motion because of criss-cross folding supports which are linked in what is 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 machine to rise. Various models of scissor lift also have an extending "bridge" that allows operators to have closer access to the work area as the vertical only movement can have some inherent limits.

There are numerous different models of scissor lifts obtainable. They can be powered by a variety of ways like for example mechanical, via a rack and pinion or lead screw system, or pneumatic or hydraulic. Several models might need no power to enter "descent" mode but instead rely 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 as releasing a manual valve provides a fail-safe option of returning the platform to the ground.