Saskatchewan Scissor Lift Safety Training

Saskatchewan Scissor Lift Safety Training - A scissor lift is a type of platform lift that moves vertically. The lift table is moved in a vertical motion due to criss-cross folding supports which are linked 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 equipment to rise. Various types 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.

There are a lot of various models of scissor lifts obtainable. They can be powered by different means like mechanical, via a rack and pinion or lead screw system, or pneumatic or hydraulic. Several models 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 employed. These pneumatic and hydraulic methods of powering these lifts are preferred as releasing a manual valve gives a fail-safe option of returning the platform to the ground.