

Prince Albert Scissor Lift Safety Training

Prince Albert Scissor Lift Safety Training - A scissor lift is a kind of platform lift which moves vertically. The lift table is moved in a vertical motion because of criss-cross folding supports which are connected in what is 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 kinds of scissor lift likewise have an extending "bridge" which allows operators to have closer access to the work area since the vertical only movement could have some inherent restrictions.

There are numerous various kinds of scissor lifts available. They can be powered by various means like mechanical, via a rack and pinion or lead screw system, or hydraulic or pneumatic. Various models 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 utilized. These pneumatic and hydraulic methods of powering these lifts are preferred because releasing a manual valve provides a fail-safe alternative of returning the platform to the ground.