

Port Coquitlam Scissor Lift Safety Training

Port Coquitlam Scissor Lift Safety Training - 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 connected in what is referred to 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 machinery to rise. Some types of scissor lift also have an extending "bridge" which enables operators to have closer access to the work area because the vertical only movement could have some inherent restrictions.

There are many different models of scissor lifts on the market. They can be powered by different ways like mechanical, via a rack and pinion or lead screw system, or hydraulic or pneumatic. Several kinds might require no power to enter "descent" mode but instead rely 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 since releasing a manual valve provides a fail-safe choice of returning the platform to the ground.