

Kingston Scissor Lift Safety Training

Kingston Scissor Lift Safety Training - A Scissor Lift is a helpful kind of platform which generally moves in a vertical direction. The apparatus is capable of this movement due to the use of folding supports which are connected 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 machinery to rise. Several kinds of scissor lift even have an extending "bridge" that enables operators to have closer access to the work area since the vertical only movement can have some inherent restrictions.

There are numerous different types of scissor lifts obtainable. They can be powered by different means including mechanical, via a rack and pinion or lead screw system, or pneumatic or hydraulic. Several types might require no power to enter "descent" mode but instead rely on a simple release of hydraulic or pneumatic pressure which depends on the power system employed. These pneumatic and hydraulic methods of powering these lifts are preferred as releasing a manual valve provides a fail-safe choice of returning the platform to the ground.