

Cambridge Scissor Lift Safety Training

Cambridge 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 because of criss-cross folding supports that are linked in what is known as a pantograph. The platform can 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 machinery to rise. Various 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 available. They can be powered by a variety of ways including mechanical, via a rack and pinion or lead screw system, or hydraulic or pneumatic. Some types might 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 since releasing a manual valve provides a fail-safe option of returning the platform to the ground.