Hamilton Scissor Lift Safety Training

Hamilton 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 that 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 equipment to rise. Various kinds of scissor lift likewise have an extending "bridge" which enables operators to have closer access to the work area since the vertical only movement could have some inherent restrictions.

Scissor Lifts can contract by various ways including mechanical, via a rack and pinion or lead screw system, or pneumatic or hydraulic. There are different types obtainable on the market. Some types may 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 hydraulic and pneumatic methods of powering these lifts are preferred since releasing a manual valve provides a fail-safe alternative of returning the platform to the ground.