

Hydraulic Scissor Lift Part

Hydraulic Scissor Lift Parts - 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 linked 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. Some types of scissor lift even have an extending "bridge" that allows operators to have closer access to the work area because the vertical only movement could have some inherent restrictions.

Scissor Lifts can contract by various ways including mechanical, via a lead screw or rack and pinion system, or pneumatic or hydraulic. There are different types presented on the market. Several models might require no power to enter "descent" mode but instead depend on a simple release of hydraulic or pneumatic pressure that depends on the power system used. These pneumatic and hydraulic methods of powering these lifts are preferred as releasing a manual valve provides a fail-safe alternative of returning the platform to the ground.