

Hydraulic Scissor Lift Parts

A Scissor Lift is a practical type of platform that normally moves in a vertical direction. The apparatus is capable of this movement because of the use of folding supports that are connected in a criss-cross pattern called a pantograph. The platform could 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 equipment to rise. Several kinds of scissor lift likewise have an extending "bridge" that enables operators to have closer access to the work area since the vertical only movement could have some inherent limits.

There are lots of different kinds of scissor lifts on the market. They could be powered by different ways like mechanical, via a rack and pinion or lead screw system, or hydraulic or pneumatic. Various models may need no power to enter "descent" mode but instead rely on a simple release of hydraulic or pneumatic pressure depending on the power system used. These pneumatic and hydraulic methods of powering these lifts are preferred because releasing a manual valve gives a fail-safe option of returning the platform to the ground.