

## Parts for Hydraulic Scissor Lift

Hydraulic Scissor Lift Parts - A Scissor Lift is a practical type of platform that generally moves in a vertical direction. The equipment is capable of this movement due to the use of folding supports which are linked in a criss-cross pattern referred to as 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 machinery to rise. Various models of scissor lift also have an extending "bridge" that allows operators to have closer access to the work area as the vertical only movement could have some inherent limits.

There are lots of different types of scissor lifts available. They could be powered by various means including mechanical, via a rack and pinion or lead screw system, or hydraulic or pneumatic. Several 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 utilized. These pneumatic and hydraulic methods of powering these lifts are preferred because releasing a manual valve gives a fail-safe alternative of returning the platform to the ground.