

Red Deer Scissor Lift Safety Training

Red Deer Scissor Lift Safety Training - A Scissor Lift is a functional kind of platform that normally moves in a vertical direction. The equipment is capable of this movement due to the use of folding supports that are connected in a criss-cross pattern referred to as a pantograph. The platform can 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 machinery to rise. Several types of scissor lift also have an extending "bridge" that enables operators to have closer access to the work area since the vertical only movement could have some inherent restrictions.

There are many various models of scissor lifts on the market. They can be powered by various means 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 depend 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 as releasing a manual valve provides a fail-safe option of returning the platform to the ground.