

Scissor Lift

Used Scissor Lift Pennsylvania - Scissor lifts are industrial equipment that relies on steel linked arms to lift vertically. This equipment is utilized to create an “X” patterned support in order to accomplish vertical lifting. There is a rectangular platform that is attached to the top of the scissor lift. To maintain operator safety, there are support railings at the top of the platform. The scissor lift has a low profile to maintain stability on hard, compact surfaces like concrete. Scissor lifts can use an electric motor or a combustion engine to transport and lift the machine. The lift function operates on a vertical plane only. In order for the operator to transport the lift horizontally, they will have to reposition the lift itself. The same lifting technology is used for the lifting components in regular scissor lift models as well as rough terrain models. The rough terrain is specially designed for traversing uneven ground. These machines rely on large all-terrain tires to allow rough terrain scissor lifts to traverse difficult locations while offering higher ground clearance. Certain models offer 4WD making them able to traverse through dirty areas. The higher center of gravity works in conjunction with lower lifting heights. Scissor lifts can seem intimidating if you have not used one before. While you may think this machine is susceptible to swaying in the wind or becoming unbalanced, understand that it has been designed to ensure total operator safety and that likely, you will not even feel the machine moving. Numerous safety tests need to be completed prior to being capable of being sold. It is natural to feel uncomfortable if you are new to this type of equipment. Safety precautions need to be maintained at all times. Depending on the application, there are a variety of electric scissor lift models to pick from. The unit you need will vastly depend on the kind of work you need to do. Essential factors to consider are the kinds of loads you will be transporting, the weight you will need to lift and how high you will have to go. Extreme heights can be attained by different models depending on your specific application. Compact units are often used for interior locations including factories, warehouses or freight locations. There is no reason to buy the biggest and best model on the market if you are not going to use the highest capacity. Electric scissor lifts have optional platforms and railings to offer maximum safety features. Scissor lifts are reliable and safe for a multitude of applications. Of course, if these units did not undergo strict inspections and safety certification, they would not be for sale all over the world. These machines help us facilitate tasks that would otherwise not be possible. As these machines vertically elevate, the machine is transported into the correct location before lifting occurs. The operator will ensure it is the proper position prior to engaging the lift. There are a variety of safety features incorporated into the design. It is essential to follow operational guidelines to maintain everyone’s safety. The scissor lift’s safety basket creates a secure work area compared to trying to accomplish similar tasks from a ladder or scaffolding. Most scissor lifts rely on internally mounted batteries within the lifts’ base for power. Charging is required after a long sitting for an extended time or working a long shift. Numerous operators charge their units throughout the day or replace batteries every 12 hours. To facilitate scissor lift charging, the operator can park the machine close to an electrical outlet in a well-ventilated place. After the scissor lift is parked the emergency shut-off switch is activated for safety. The sizeable red button found inside of the basket or the lift located near the charger or control box is the emergency shut-off switch. The battery charger is commonly located on the right side of the lift on the base. Many older models may feature the battery charger mounted on the back of the scissor lift. The charger is plugged into the AC extension cord in an area that is well-ventilated and then the extension cord is plugged into an electrical outlet. The length of the electrical cord on the battery charger needs to be short to prevent damage or running over it. There is a high possibility for extreme danger if excess extension cord length dropped out of the battery charger storage area during operation. After the scissor lift plugs in to charge, all of the lights should become lit up. After the scissor lift is plugged in the machine’s batteries begin to charge. After the charging is complete, the battery lights switch to green and the charger shuts down. Older scissor lift models rely on a meter to show whether zero volts have been attained after complete charging has

occurred. This type of charger automatically shuts down as well once charging is done. After the batteries are completely charged the scissor lift can complete another shift. It is common for warehouses and certain businesses to keep batteries charging around the clock to allow the scissor lift to operate 24 hours a day.