

## Scissor Lift

Used Scissor Lift Mesa - The industrial equipment that utilizes crisscrossed steel linked arms is scissor lifts. These machines feature an “X” support system to accommodate vertical lifting at various heights. Workers use a sizeable rectangle platform that is secured to the top of the lifting apparatus. For additional operator safety and to keep items along the edge of the platform secure, there are support railings. The scissor lift has a low profile to maintain stability on hard, compact surfaces like concrete. This equipment relies on either a combustion engine or an electric motor to create the lift and transport the machine. The scissor lift operates on a vertical plane and if the operator needs to move the lift horizontally, they have to reposition the machine. The lifting components of both regular lift models and rough terrain units rely on the same lifting technology. Rough terrain scissor lifts are adapted for travelling on uneven locations. Oversized all-terrain tires often accompany rough terrain models to provide higher ground clearance. Some scissor lifts have 4WD to travel through difficult and muddy locations. Thanks to the higher center of gravity lower lifting heights are available. 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. Maintain safety procedures 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. How high you need to travel and how heavy the loads you will be transporting are all key factors. 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. If you do not need the highest capacity model, there is no need to choose the largest unit available. There are extra platforms and railings available to provide additional safety measures. These machines are designed to be reliable and safe. Of course, if these units did not undergo strict inspections and safety certification, they would not be for sale all over the world. Scissor lifts enable us to finish tasks that normally are inaccessible or unreachable otherwise. These machines are situated in place before elevating vertically. The operator will ensure it is the proper position prior to engaging the lift. Many safety features have been incorporated into these units. 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. The majority of scissor lifts utilize batteries that are internally mounted inside of the base of the lift to generate power. Charging is required after a long sitting for an extended time or working a long shift. Batteries may be changed every 12 hours or charged many times throughout the day. Scissor lifts are charged in a well-ventilated area, parked near an electrical outlet. When the machine is parked, the emergency shut-off switch becomes engaged to stop. The large red button found inside the lift or the basket, close to the charger or the control box is the emergency shut-off switch. Oftentimes, the battery charger is found on the right side of the lift on the base of the machine. Older scissor lifts may have a battery charger found on the back of the unit. The charger for the machine is plugged into the AC extension cord within a well-ventilated area and the extension cord plugs into an electrical outlet. It is essential that the electrical cord length on the battery charger is short to prevent being run over or damaged. There is a high possibility for extreme danger if excess extension cord length dropped out of the battery charger storage area during operation. Ideally, all of the lights on the charger should become illuminated after the scissor lift is plugged in. After the scissor lift is plugged in the machine’s batteries begin to charge. Once the unit is charged, the battery lights will turn green and the charger will turn off. 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.