

Scissor Lift

Used Scissor Lift Colorado - Scissor lifts are industrial machines that rely on a configuration of crisscrossed linked steel arms. This equipment is utilized to create an “X” patterned support in order to accomplish vertical lifting. Workers use a sizeable rectangle platform that is secured to the top of the lifting apparatus. 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 scissor lift operates on a vertical plane and if the operator needs to move the lift horizontally, they have to reposition the machine. The same lifting technology is used for the lifting components in regular scissor lift models as well as rough terrain models. Rough terrain scissor lifts are adapted for travelling on uneven locations. Higher ground clearance and oversized all-terrain tires enable these machines to travel to tricky locations. Certain models offer 4WD making them able to traverse through dirty areas. The higher center of gravity works in conjunction with lower lifting heights. If you have never operated one before, scissor lifts can seem strange or intimidating. Even though images of scissor lifts moving with the wind are easy to imagine, know that they have been specifically designed to provide complete operator safety and you won’t even feel the unit moving as it ascends or while it is extended. A variety of safety tests have to be completed before this unit can be sold. Of course, if you are new to this kind of equipment, it is normal to feel unsure until you familiarize yourself with the unit. It is essential to maintain safety precautions all of the time. 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. There are different models on the market that can help you reach various heights. Compact units are often used for interior locations including factories, warehouses or freight locations. There is no need to purchase the largest model on the market if you are not going to require the fullest capacity. There are extra platforms and railings available to provide additional safety measures. Scissor lifts are reliable and safe for a multitude of applications. If these machines did not follow strict safety rules and particular inspections, they would not be for sale across the globe. These machines help us facilitate tasks that would otherwise not be possible. These machines are situated in place before elevating vertically. 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. Safety is accomplished by following operational guidelines. Scissor lifts offer a secure basket workspace making many tasks much safer than trying to complete while dangling off of 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. After working an extensive shift or for prolonged periods of time, charging is necessary. Numerous operators charge their units throughout the day or replace batteries every 12 hours. To charge the scissor lift, the operator parks it close to an electrical outlet within a well-ventilated location. The emergency shut-off switch is engaged upon parking to prevent other operators from driving off while plugged in. 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 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. 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 of danger if the extension cord dropped out of the battery charger while the machine is in operation. Ideally, all of the lights on the charger should become illuminated after the scissor lift is plugged in. Once the unit is plugged in, the batteries automatically start 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 scissor lift is completely charged, the unit is ready to get back to work. It is common for warehouses and businesses to have numerous batteries continually charging to keep the scissor lift operating 24 hours a day.