

## Scissor Lift

Used Scissor Lift El Cajon - 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. There is a rectangular platform that is attached to the top of the scissor lift. For additional operator safety and to keep items along the edge of the platform secure, there are support railings. This machine maintains a low profile that is ideal for hard surfaces such as concrete and other compact surfaces. These units can run on either a combustion engine or electric engine to handle the lifting and transporting of the machine. Since the scissor lift functions on a vertical plane, if it needs to be repositioned horizontally, the operator will have to move it into place. Rough terrain and regular lift models rely on the same lifting technology to maneuver the lifting components. 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. These scissor lifts feature 4WD to get through muddy and difficult terrain. Lower lifting heights are offered due to the higher center of gravity. If you have never operated one before, scissor lifts can seem strange or intimidating. 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. 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. Key factors to consider include how high you will need to reach and the types of loads you will be moving. There are specific models available to take you to extreme heights. 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. These units are safe and reliable. 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. These lifts elevate vertically; therefore, the machine is parked in place prior to lifting. 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. 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. 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. Newer scissor lifts commonly have their battery charger on the right side of the unit. Older machines may feature a battery charger on the rear of the machine. 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 of danger if the extension cord dropped out of the battery charger while the machine is in operation. Once the scissor lift is plugged in, all of the lights on the charger should ideally become illuminated. 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. Many places employ their scissor lift for 24 hours a day by having additional batteries continually charging.