

Scissor Lift

Used Scissor Lift South Carolina - Scissor lifts are industrial machines that rely on a configuration of crisscrossed linked steel arms. Scissor lifts create an “X” support network to facilitate vertical lifting. There is a rectangular platform that is attached to the top of the scissor lift. There are secure support railings along the platform edge for extra safety and to keep the operator safe. The scissor lift showcases a low profile that is excellent for compact, hard surfaces including pavement and 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. 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. Safety precautions need to be maintained at all times. There are many different kinds of electric scissor lift models to choose from, depending on what you will be using it for. The model you will prefer will largely depend on the types of jobs you plan on completing. 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. Optional railings and platforms are available on electrical scissor lifts to provide maximum safety. 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. 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. Many safety features have been incorporated into these units. Following operational guidelines is essential for 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 utilize internally mounted batteries located inside the base of the machine to provide 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. 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. 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 for the machine is plugged into the AC extension cord within a well-ventilated area and the extension cord plugs into an electrical outlet. The electrical cord length on the battery charger has to be short for safety reasons to prevent the unit from running over it. If the extension cord came out of the battery charger storage location during operation, there is a great potential for extreme danger. 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. The battery lights will switch to green once complete charging has occurred and the charger will shut off. Older scissor

lifts need to use a meter to show zero volts once they are completely charged and this charger also turns off after completion. The machine is ready to tackle another shift once the batteries are fully charged. Many places employ their scissor lift for 24 hours a day by having additional batteries continually charging.