

Scissor Lift

Used Scissor Lift Santa Ana - 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. There are secure support railings along the platform edge for extra safety and to keep the operator safe. 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. 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. 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. 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 specific models available to take you to extreme heights. Smaller models are commonly used for interior applications including warehouses and freight or factory settings. If you do not need the highest capacity model, there is no need to choose the largest unit available. Electric scissor lifts have optional platforms and railings to offer maximum safety features. Scissor lifts are reliable and safe for a multitude of applications. Many safety inspections and specifications need to be maintained in order for these industrial machines to be available for sale. 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. Before the lift is engaged, the operator will properly position the unit. There are a variety of safety features incorporated into the design. Safety is accomplished by following operational guidelines. 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 sizeable red button found inside of the basket or the lift located near the charger or 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 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 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. After the scissor lift plugs in to charge, all of the lights should become lit up. Once the unit is plugged in, the batteries automatically start to charge. The battery lights will switch to green once complete charging has occurred and the charger will shut off. Models that are older and rely on a meter will show zero volts after they are charged fully and then the

charger will also turn off automatically. 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.