

Scissor Lift

Used Scissor Lift Nevada - 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. Workers use a sizeable rectangle platform that is secured to the top of the lifting apparatus. There are secure support railings along the platform edge for extra safety and to keep the operator safe. 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 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 lifting components of both regular lift models and rough terrain units rely on the same lifting technology. The rough terrain is specially designed for traversing uneven ground. Oversized all-terrain tires often accompany rough terrain models to provide 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. Scissor lifts can seem intimidating if you have not used one before. 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. Safety precautions need to be maintained at all times. Depending on the application, there are a variety of electric scissor lift models to pick from. The model you will prefer will largely depend on the types of jobs you plan on completing. 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. Tinier models are often preferred for interior jobs such as factory, freight or warehousing situations. If you do not need the highest capacity model, there is no need to choose the largest unit available. Optional railings and platforms are available on electrical scissor lifts to provide maximum safety. These machines are designed to be reliable and safe. Many safety inspections and specifications need to be maintained in order for these industrial machines to be available for sale. Scissor lifts help people accomplish tasks that are otherwise unattainable, unreachable or inaccessible. As these machines vertically elevate, the machine is transported into the correct location before lifting occurs. The operator needs to move the unit into the correct position before engaging the lift. There are a variety of safety features incorporated into the design. Following operational guidelines is essential for everyone’s safety. There is a safe basket workspace on scissor lifts to ensure lifting tasks are more secure as opposed to hanging off of scaffolding or a ladder. 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. Many operations charge their equipment daily or change batteries every twelve 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. 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 scissor lift charger is plugged into the AC extension cord into a well-ventilated location. Next, 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. If the extension cord came out of the battery charger storage location during operation, there is a great potential for extreme danger. After the scissor lift plugs in to charge, all of the lights should become lit up. The batteries will automatically begin charging once plugged in. The battery lights will switch to green once complete charging has occurred and the charger will shut 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 businesses to have numerous batteries continually charging to keep the scissor lift operating 24 hours a day.