

Scissor Lift

Used Scissor Lift Missouri - Scissor lifts are industrial equipment that relies on steel linked arms to lift vertically. These machines feature an “X” support system to accommodate vertical lifting at various heights. There is a rectangular platform that is attached to the top of the scissor lift. 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. This equipment relies on either a combustion engine or an electric motor to create the lift and transport 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. Rough terrain scissor lifts are adapted for travelling on uneven locations. 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. Scissor lifts can seem intimidating if you have not used one before. 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. Understanding what you will be using your scissor lift for will help ensure you have the right type of model. 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. 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 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 needs to move the unit into the correct position before engaging the lift. Numerous safety features have been designed into the machine. Following operational guidelines is essential for everyone’s safety. Scissor lifts offer a secure basket workspace making many tasks much safer than trying to complete while dangling off of a ladder or scaffolding. Most scissor lifts utilize internally mounted batteries located inside the base of the machine to provide power. Electric scissor lifts need to be charged regularly; especially after prolonged work shifts. 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. 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. 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 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 electrical cord length on the battery charger has to be short for safety reasons to prevent the unit from running over it. There is a high possibility for extreme danger if excess extension cord length dropped out of the battery charger storage area during operation. Ideally, all of the lights on the charger should become illuminated after the scissor lift is plugged in. The batteries will automatically begin charging once plugged in. 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 certain businesses to keep batteries charging around the clock to allow the scissor lift to operate 24 hours a day.