

Scissor Lift

Used Scissor Lift South Dakota - 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. The scissor lift has a rectangular platform attached to the top of it. 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. Scissor lifts can use an electric motor or a combustion engine to transport and lift 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 lifting components of both regular lift models and rough terrain units rely on the same lifting technology. 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. 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. 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. Maintain safety procedures at all times. 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 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 need to purchase the largest model on the market if you are not going to require the fullest capacity. There are extra platforms and railings available to provide additional safety measures. These units are safe and reliable. Many safety inspections and specifications need to be maintained in order for these industrial machines to be available for sale. Scissor lifts enable us to finish tasks that normally are inaccessible or unreachable otherwise. 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. There are a variety of safety features incorporated into the design. 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. 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. 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. It is essential that the electrical cord length on the battery charger is short to prevent being run over or damaged. There is a high possibility for extreme danger if excess extension cord length dropped out of the battery charger storage area during operation. Once the scissor lift is plugged in, all of the lights on the charger should ideally become illuminated. 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. 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. The

machine is ready to tackle another shift once the batteries are fully charged. 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.