

Scissor Lift

Used Scissor Lift Eugene - Scissor lifts are industrial machines that rely on a configuration of crisscrossed linked steel arms. These machines feature an “X” support system to accommodate vertical lifting at various heights. Workers use a sizeable rectangle platform that is secured to the top of the lifting apparatus. To maintain operator safety, there are support railings at the top of the platform. This machine maintains a low profile that is ideal for hard surfaces such as concrete and other compact surfaces. This equipment relies on either a combustion engine or an electric motor to create the lift and transport 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. Rough terrain and regular lift models rely on the same lifting technology to maneuver the lifting components. The rough terrain is specially designed for traversing uneven ground. Higher ground clearance and oversized all-terrain tires enable these machines to travel to tricky locations. Some scissor lifts have 4WD to travel through difficult and muddy locations. Thanks to the higher center of gravity lower lifting heights are available. 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. Rigorous safety testing has to be completed prior to selling these machines. It is natural to feel unsure of these units until you can familiarize yourself with them. It is essential to maintain safety precautions all of the time. There are many different kinds of electric scissor lift models to choose from, depending on what you will be using it for. The unit you need will vastly depend on the kind of work you need to do. How high you need to travel and how heavy the loads you will be transporting are all key factors. 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. There is no reason to buy the biggest and best model on the market if you are not going to use the highest capacity. Electric scissor lifts have optional platforms and railings to offer maximum safety features. These units are safe and reliable. 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. There are a variety of safety features incorporated into the design. 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 rely on internally mounted batteries within the lifts’ base for power. Electric scissor lifts need to be charged regularly; especially after prolonged work shifts. Batteries may be charged every 12 hours or charged many times throughout the day. To charge the scissor lift, the operator parks it close to an electrical outlet within a well-ventilated location. 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 charger is plugged into the AC extension cord in an area that is well-ventilated and then the extension cord is plugged 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. Ideally, all of the lights on the charger should become illuminated after the scissor lift is plugged in. 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.

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.