

Scissor Lift

Used Scissor Lift Oxnard - 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. There is a rectangular platform that is attached to the top of the scissor lift. For additional operator safety and to keep items along the edge of the platform secure, there are support railings. 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. The same lifting technology is used for the lifting components in regular scissor lift models as well as rough terrain models. Rough terrain scissor lifts are adapted for travelling on uneven locations. Oversized all-terrain tires often accompany rough terrain models to provide 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. These machines can be intimidating if you have never been on one or operated one previously. 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. Safety precautions need to be maintained at all times. Understanding what you will be using your scissor lift for will help ensure you have the right type of model. The scissor lift model you will need will largely depend on the types of jobs you will need to do. Key factors to consider include how high you will need to reach and the types of loads you will be moving. There are different models on the market that can help you reach various 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. 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 needs to move the unit into the correct position before engaging the lift. Numerous safety features have been designed into the machine. It is essential to follow operational guidelines to maintain 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 rely on internally mounted batteries within the lifts’ base for power. After working an extensive shift or for prolonged periods of time, charging is necessary. Batteries may be changed 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 emergency shut-off switch is the big red button located in the basket or the lift close to the control box or the charger. 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. 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. Once the unit is plugged in, the batteries automatically start to charge. 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. 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.