

## Scissor Lift

Used Scissor Lift Kansas - 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. There is a rectangular platform that is attached to the top of the scissor lift. 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. These units can run on either a combustion engine or electric engine to handle the lifting and transporting of 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. 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. These scissor lifts feature 4WD to get through muddy and difficult terrain. Lower lifting heights are offered due to the higher center of gravity. If you have never operated one before, scissor lifts can seem strange or intimidating. 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. 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. Safety precautions need to be maintained at all times. There are many different kinds of electric scissor lift models to choose from, depending on what you will be using it for. 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. 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. Scissor lifts are reliable and safe for a multitude of applications. 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. As these machines vertically elevate, the machine is transported into the correct location before lifting occurs. Before the lift is engaged, the operator will properly position the unit. Many safety features have been incorporated into these units. 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. To facilitate scissor lift charging, the operator can park the machine close to an electrical outlet in a well-ventilated place. When the machine is parked, the emergency shut-off switch becomes engaged to stop. 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. 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 charger for the machine is plugged into the AC extension cord within a well-ventilated area and 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. 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. 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. The machine is ready to tackle another shift once the batteries are fully charged. Many places employ their scissor lift for 24 hours a day by having additional batteries continually charging.