

Scissor Lift

Used Scissor Lift Santa Rosa - Scissor lifts are industrial equipment that relies on steel linked arms to lift vertically. Scissor lifts create an “X” support network to facilitate 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. These units can run on either a combustion engine or electric engine to handle the lifting and transporting of the machine. The lift function operates on a vertical plane only. In order for the operator to transport the lift horizontally, they will have to reposition the lift itself. 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. 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. These machines can be intimidating if you have never been on one or operated one previously. Images of swaying in the wind and being precariously balanced may come to mind. Feel secure knowing you will not feel the lift even moving and you will be in a stable position. 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. 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. How high you need to travel and how heavy the loads you will be transporting are all key factors. Extreme heights can be attained by different models depending on your specific application. Compact units are often used for interior locations including factories, warehouses or freight locations. There is no reason to buy the biggest and best model on the market if you are not going to use the highest capacity. Optional railings and platforms are available on electrical scissor lifts to provide maximum safety. Scissor lifts are reliable and safe for a multitude of applications. Many safety inspections and specifications need to be maintained in order for these industrial machines to be available for sale. Scissor lifts help people accomplish tasks that are otherwise unattainable, unreachable or inaccessible. These lifts elevate vertically; therefore, the machine is parked in place prior to lifting. Before the lift is engaged, the operator will properly position the unit. Numerous safety features have been designed into the machine. It is essential to follow operational guidelines to maintain everyone’s safety. There is a safe basket workspace on scissor lifts to ensure lifting tasks are more secure as opposed to hanging off of scaffolding or a ladder. 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. 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. After the scissor lift is parked the emergency shut-off switch is activated for safety. 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. It is essential that the electrical cord length on the battery charger is short to prevent being run over or damaged. If the extension cord came out of the battery charger storage location during operation, there is a great potential for extreme danger. 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. 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. 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.