

Scissor Lift

Used Scissor Lift Orange - The industrial equipment that utilizes crisscrossed steel linked arms is scissor lifts. These machines feature an “X” support system to accommodate vertical lifting at various heights. The scissor lift has a rectangular platform attached to the top of it. For additional operator safety and to keep items along the edge of the platform secure, there are support railings. The scissor lift showcases a low profile that is excellent for compact, hard surfaces including pavement and concrete. Scissor lifts can use an electric motor or a combustion engine to transport and lift 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 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. 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. 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. 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. Maintain safety procedures at all times. Depending on the application, there are a variety of electric scissor lift models to pick from. 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. 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 machines are designed to be reliable and safe. If these machines did not follow strict safety rules and particular inspections, they would not be for sale across the globe. 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. Before the lift is engaged, the operator will properly position the unit. Many safety features have been incorporated into these units. 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. 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 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 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 of danger if the extension cord dropped out of the battery charger while the machine is in 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. 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. 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.