Scissor Lift

Used Scissor Lift Virginia - Scissor lifts are industrial machines that rely on a configuration of crisscrossed linked steel arms. Scissor lifts create an “X” support network to facilitate vertical lifting. Workers use a sizeable rectangle platform that is secured to the top of the lifting apparatus. For additional operator safety and to keep items along the edge of the platform secure, there are support railings. 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 units are designed for driving on gravel and uneven surfaces. Higher ground clearance and oversized all-terrain tires enable these machines to travel to tricky locations. 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. A variety of safety tests have to be completed before this unit can be sold. Of course, if you are new to this kind of equipment, it is normal to feel unsure until you familiarize yourself with the unit. Maintain safety procedures 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. 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 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 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 help people accomplish tasks that are otherwise unattainable, unreachable or inaccessible. These machines are situated in place before elevating vertically. The operator will ensure it is the proper position prior to 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 utilize internally mounted batteries located inside the base of the machine to provide power. Charging is required after a long sitting for an extended time or working a long shift. Numerous operators charge their units throughout the day or replace batteries every 12 hours. Scissor lifts are charged in a well-ventilated area, parked near an electrical outlet. After the scissor lift is parked the emergency shut-off switch is activated for safety. 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 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 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. After the scissor lift plugs in to charge, all of the lights should become lit up. Once the unit is plugged in, the batteries automatically start to charge. Once the unit is charged, the battery lights will turn green and the charger will turn off. 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 businesses to have numerous batteries continually charging to keep the scissor lift operating 24 hours a day.