

## Scissor Lift

Used Scissor Lift Gresham - The industrial equipment that utilizes crisscrossed steel linked arms is scissor lifts. Scissor lifts create an “X” support network to facilitate vertical lifting. 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. 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 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. These machines can be intimidating if you have never been on one or operated one previously. 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. It is essential to maintain safety precautions all of the time. Understanding what you will be using your scissor lift for will help ensure you have the right type of model. The unit you need will vastly depend on the kind of work you 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. 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. Optional railings and platforms are available on electrical scissor lifts to provide maximum safety. These machines are designed to be reliable and safe. Many safety inspections and specifications need to be maintained in order for these industrial machines to be available for sale. These machines help us facilitate tasks that would otherwise not be possible. These machines are situated in place before elevating vertically. The operator will ensure it is the proper position prior to engaging the lift. 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 rely on internally mounted batteries within the lifts’ base for power. Charging is required after a long sitting for an extended time or working a long shift. 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. When the machine is parked, the emergency shut-off switch becomes engaged to stop. The sizeable red button found inside of the basket or the lift located near the charger or control box is the emergency shut-off switch. 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. There is a high possibility for extreme danger if excess extension cord length dropped out of the battery charger storage area during operation. Ideally, all of the lights on the charger should become illuminated after the scissor lift is plugged in. After the scissor lift is plugged in the machine’s batteries begin to charge. 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 businesses to have numerous batteries continually charging to keep the scissor lift operating 24 hours a day.