

Parts for Aerial Lift

Aerial Lift Parts - Aerial platform lifts can be used to accomplish numerous distinctive tasks done in hard to reach aerial places. A few of the duties associated with this type of lift include performing daily upkeep on buildings with lofty ceilings, repairing phone and utility cables, lifting heavy shelving units, and pruning tree branches. A ladder might also be utilized for some of the aforementioned projects, although aerial platform lifts provide more safety and strength when correctly used.

There are a number of different designs of aerial hoists available, each being capable of performing slightly different tasks. Painters will often use a scissor lift platform, which is able to be used to reach the 2nd story of buildings. The scissor aerial hoists use criss-cross braces to stretch out and extend upwards. There is a table attached to the top of the braces that rises simultaneously as the criss-cross braces elevate.

Container trucks and cherry pickers are another type of aerial hoist. They possess a bucket platform on top of a long arm. As this arm unfolds, the attached platform rises. Platform lifts use a pronged arm that rises upwards as the lever is moved. Boom lifts have a hydraulic arm which extends outward and lifts the platform. All of these aerial platform lifts require special training to operate.

Through the Occupational Safety & Health Association, also labeled OSHA, training programs are on hand to help make certain the employees satisfy occupational principles for safety, machine operation, inspection and upkeep and machine cargo capacities. Workforce receive certification upon completion of the course and only OSHA certified workers should operate aerial lift trucks. The Occupational Safety & Health Organization has established guidelines to uphold safety and prevent injury when utilizing aerial platform lifts. Common sense rules such as not using this piece of equipment to give rides and ensuring all tires on aerial platform lifts are braced so as to hinder machine tipping are mentioned within the rules.

Unfortunately, figures reveal that greater than 20 aerial hoist operators pass away each year while operating and almost ten percent of those are commercial painters. The bulk of these mishaps were triggered by inadequate tie bracing, therefore many of these might have been prevented. Operators should ensure that all wheels are locked and braces as a critical safety precaution to prevent the device from toppling over.

Marking the encompassing area with obvious markers need to be utilized to safeguard would-be passers-by so they do not come near the lift. Also, markings should be set at about 10 feet of clearance amid any electric cables and the aerial lift. Lift operators should at all times be properly harnessed to the lift while up in the air.