

Parts for Aerial Work Platform

Aerial Work Platform Parts - Aerial platform lifts can be used to accomplish certain unique duties executed in hard to reach aerial spaces. Many of the odd jobs associated with this type of jack include performing daily maintenance on structures with elevated ceilings, repairing telephone and power lines, lifting burdensome shelving units, and pruning tree branches. A ladder might also be utilized for many of the aforementioned projects, although aerial platform lifts provide more safety and strength when correctly used.

There are several models of aerial hoists accessible on the market depending on what the task needed involves. Painters sometimes use scissor aerial jacks for instance, which are categorized as mobile scaffolding, of use in painting trim and reaching the 2nd story and higher on buildings. The scissor aerial lifts use criss-cross braces to stretch out and extend upwards. There is a platform attached to the top of the braces that rises simultaneously as the criss-cross braces elevate.

Bucket trucks and cherry pickers are another variety of aerial lift. They contain 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 handle is moved. Boom lifts have a hydraulic arm that extends outward and raises the platform. Every one of these aerial lift trucks have need of special training to operate.

Through the Occupational Safety & Health Association, also called OSHA, instruction programs are on hand to help make sure the employees satisfy occupational standards for safety, system operation, inspection and maintenance and machine load capacities. Workforce receive qualifications upon completion of the lessons and only OSHA qualified employees should drive aerial hoists. The Occupational Safety & Health Organization has formed rules to uphold safety and prevent injury while utilizing aerial lifts. Common sense rules such as not using this apparatus to give rides and ensuring all tires on aerial lift trucks are braced in order to hinder machine tipping are referred to within the rules.

Unfortunately, statistics expose that greater than 20 aerial lift operators die each year while operating and almost ten percent of those are commercial painters. The majority of these accidents were caused by improper tie bracing, for that reason many of these could have been prevented. Operators should ensure that all wheels are locked and braces as a critical security precaution to prevent the machine from toppling over.

Marking the encompassing area with visible markers need to be used to safeguard would-be passers-by so they do not come near the lift. Moreover, markings should be set at about 10 feet of clearance between any electrical cables and the aerial lift. Hoist operators should at all times be properly harnessed to the lift when up in the air.