

Aerial Work Platform Parts

Aerial forklifts might be utilized to accomplish many different tasks executed in hard to reach aerial spaces. A few of the odd jobs associated with this type of jack include performing routine repair on structures with lofty ceilings, repairing telephone and utility cables, raising burdensome shelving units, and pruning tree branches. A ladder might also be used for some of the aforementioned tasks, although aerial hoists offer more security and stability when correctly used.

There are many designs of aerial hoists existing on the market depending on what the task required involves. Painters sometimes use scissor aerial jacks for example, which are classified as mobile scaffolding, handy in painting trim and reaching the 2nd story and above on buildings. The scissor aerial jacks use criss-cross braces to stretch and extend upwards. There is a platform attached to the top of the braces that rises simultaneously as the criss-cross braces lift.

Cherry pickers and bucket trucks are a further kind of the aerial hoist. Usually, they possess a bucket at the end of an extended arm and as the arm unfolds, the attached bucket lift rises. Lift trucks use a pronged arm that rises upwards as the handle is moved. Boom lifts have a hydraulic arm which extends outward and lifts the platform. Every one of these aerial platform lifts require special training to operate.

Training programs offered through Occupational Safety & Health Association, known also as OSHA, cover safety steps, system operation, maintenance and inspection and machine load capacities. Successful completion of these training courses earns a special certified license. Only properly licensed people who have OSHA operating licenses should drive aerial platform lifts. The Occupational Safety & Health Organization has formed rules to uphold safety and prevent injury when utilizing aerial hoists. Common sense rules such as not utilizing this apparatus to give rides and making sure all tires on aerial lifts are braced so as to hinder machine tipping are noted within the guidelines.

Regrettably, statistics show that more than 20 operators pass away each year when running aerial platform lifts and 8% of those are commercial painters. The majority of these accidents are due to inadequate tire bracing and the lift falling over; for that reason some of these deaths had been preventable. Operators should ensure that all wheels are locked and braces as a critical security precaution to prevent the instrument from toppling over.

Additional suggestions involve marking the surrounding area of the machine in an observable manner to protect passers-by and to guarantee they do not approach too close to the operating machine. It is vital to ensure that there are also 10 feet of clearance among any power cables and the aerial lift. Operators of this apparatus are also highly recommended to always wear the proper security harness while up in the air.