

## Aerial Work Platform Parts

Aerial Work Platform Parts - Aerial lifts can be utilized to accomplish several distinctive duties performed in hard to reach aerial spaces. Many of the odd jobs associated with this kind of jack include performing routine repair on buildings with high ceilings, repairing phone and utility cables, lifting heavy shelving units, and pruning tree branches. A ladder could also be utilized for some of the aforementioned jobs, although aerial platform lifts offer more safety and stability when correctly used.

There are many designs of aerial hoists existing on the market depending on what the task needed involves. Painters often use scissor aerial hoists for example, which are categorized as mobile scaffolding, useful in painting trim and reaching the 2nd story and higher on buildings. The scissor aerial lifts use criss-cross braces to stretch out and enlarge upwards. There is a platform attached to the top of the braces that rises simultaneously as the criss-cross braces lift.

Bucket trucks and cherry pickers are a different kind of aerial hoist. They possess a bucket platform on top of an extended arm. As this arm unfolds, the attached platform rises. Platform lifts use a pronged arm that rises upwards as the lever is moved. Boom hoists have a hydraulic arm that extends outward and hoists the platform. Every one of these aerial platform lifts call for special training to operate.

Through the Occupational Safety & Health Association, also labeled OSHA, instruction courses are offered to help make certain the workers meet occupational values for safety, machine operation, inspection and upkeep and machine weight capacities. Workers receive qualifications upon completion of the classes and only OSHA certified workers should operate aerial platform lifts. The Occupational Safety & Health Organization has developed rules to uphold safety and prevent injury when utilizing aerial platform lifts. Common sense rules such as not using this apparatus to give rides and ensuring all tires on aerial hoists are braced so as to hinder machine tipping are observed within the rules.

Unfortunately, figures show that more than 20 operators die each year when working with aerial platform lifts and 8% of those are commercial painters. The majority of these mishaps are due to inadequate tire bracing and the hoist falling over; for that reason many of these deaths had been preventable. Operators should ensure that all wheels are locked and braces as a critical safety precaution to prevent the instrument from toppling over.

Additional rules involve marking the surrounding area of the device in a visible way 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 between any utility lines and the aerial hoist. Operators of this apparatus are also highly recommended to always wear the appropriate security harness while up in the air.