

## Aerial Lift Parts

Aerial hoists can be used to accomplish certain unique tasks performed in hard to reach aerial places. Many of the duties associated with this style of jack include performing routine preservation on buildings with lofty ceilings, repairing telephone and power lines, lifting heavy shelving units, and trimming tree branches. A ladder could also be utilized for some of the aforementioned tasks, although aerial lifts offer more security and strength when properly used.

There are several distinctive models of aerial forklifts accessible, each being able to perform slightly different tasks. Painters will sometimes 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 lift.

Cherry pickers and bucket lift trucks are a further type of the aerial lift. Usually, they contain a bucket at the end of a long arm and as the arm unfolds, the attached bucket lift rises. Platform lifts utilize a pronged arm that rises upwards as the lever is moved. Boom lift trucks have a hydraulic arm which extends outward and hoists the platform. Every one of these aerial platform lifts require special training to operate.

Training courses offered through Occupational Safety & Health Association, acknowledged also as OSHA, embrace safety strategies, system operation, maintenance and inspection and device load capacities. Successful completion of these education courses earns a special certified certificate. Only properly licensed individuals who have OSHA operating licenses should run aerial platform lifts. The Occupational Safety & Health Organization has formed guidelines to maintain safety and prevent injury while using aerial lift trucks. Common sense rules such as not utilizing this machine to give rides and ensuring all tires on aerial lift trucks are braced so as to prevent machine tipping are mentioned within the guidelines.

Unfortunately, statistics illustrate that in excess of 20 operators pass away each year while working with aerial platform lifts and 8% of those are commercial painters. Most of these mishaps are due to improper tire bracing and the lift falling over; for that reason some of these deaths were preventable. Operators should make sure that all wheels are locked and braces as a critical safety precaution to stop the device from toppling over.

Marking the neighbouring area with observable markers have to be used to protect would-be passers-by so they do not come near the lift. Also, markings must be set at about 10 feet of clearance between any power cables and the aerial lift. Lift operators must at all times be well harnessed to the hoist while up in the air.