

Parts for Articulated Boom Lift

Articulated Boom Lift Parts - Boom vehicles are often applied by phone, cable television and utilities organizations as they have long folded arms which are commonly folded over the roofs of company vans. On the end of the extension of extendable arms typically sits a bucket-like apparatus. When a bucket vehicle has an extendable boom mounted the roof this is sometimes referred to as an "aerial boom truck" or a "cherry picker". It is able to transport staff to the peak of a phone or utility pole. Bucket boom vehicles have a lifting capacity of approximately 350 lbs to 1500 lbs or 158 kg to 680 kg and are capable of extending the bucket up to 34 feet or to around 10 meters into the air.

Heavy equipment boom vehicles or construction boom trucks may have a crane attached to the rear. These cranes referred to as knuckle booms might be short and compact or be of the trolley boom type, where the crane is capable of extending the length of the truck bed. Crane boom trucks possess a raising capability between 10 to 50 tons or approximately 9 to 45 metric tons.

Concrete boom trucks are another variation. The booms on these vehicles have a pipe with a nozzle at the extreme end and are used to pump concrete or other materials. The places where these materials have to be deposited is commonly inaccessible to the truck or is located at a great height, therefore, the boom of a larger concrete boom truck might be extended 230 feet or roughly 71 meters. The vehicle then pumps the material through the boom precisely depositing it into the space where it is needed.

Fire engines are frequently fitted with a boom bucket able to lift firefighters up to the higher floors of structures. What's more, this boom will allow firefighters to guide the flow of water or to engage or rescue trapped victims. Many of the older hook and ladder trucks have been replaced with up to date boom vehicles.

Self propelled booms are relatively comparable to lift trucks. These little boom vehicles may hoist staff to lofty storage space or to the ceiling of large warehouses and stockroom facilities. They are more stable and therefore far safer than using extension ladders for the similar application.