

Articulated Boom Lift Part

Parts for Articulated Boom Lift - Boom vehicle are often utilized by phone, cable and utilities organizations as they have long folded arms which are generally folded over the roofs of company vehicles. On the end of the extension of extendable arms frequently sits a bucket-like apparatus. When a bucket vehicle has an extendable boom installed on the roof this is often known as an "aerial boom truck" or a "cherry picker". It is able to transport staff to the top of a phone or electrical pole. Bucket boom vans have a lifting capacity of around 350 lbs to 1500 lbs or 158 kg to 680 kg and are capable of extending the bucket up to 34 feet or just over 10 meters into the air.

Heavy equipment boom vehicles or construction boom trucks can have a crane attached to the rear. These cranes known as knuckle booms may be undersized and compact or be of the trolley boom variety, where the crane is capable of extending the length of the truck bed. Crane boom trucks include a hauling capability between 10 to 50 tons or approximately 9 to 45 metric tons.

Concrete boom trucks are a further variation. The booms on these lift trucks have a pipe with a nozzle at the remote end and are used to pump concrete or other resources. The places where these materials have to be deposited is commonly inaccessible to the vehicle or is stationed at a great height, therefore, the boom of a bigger concrete boom vehicle may be extended 230 feet or just about 71 meters. The truck then pumps the concrete through the boom directly depositing it into the space where it is needed.

Fire engines are normally outfitted with a boom container able to lift firefighters up to the higher floors of structures. Furthermore, this boom will permit firefighters to direct 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 trucks.

There is in addition a miniature self-propelled boom vehicle, analogous to a forklift that is offered on the market for huge warehouses or manufacturing plants. These mini boom trucks can elevate staff to upper storage areas or to the ceiling of the building. They are far safer and more durable than using an extension ladder for the equivalent application.