

Articulated Boom Lift Parts

Boom vehicles are often utilized by phone, cable and utilities firms 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 more often than not sits a bucket-like apparatus. When a bucket truck has an extendable boom mounted the roof this is often identified as an "aerial boom truck" or a "cherry picker". It can transport workers to the peak of a phone or electrical pole. Bucket boom vans have a hauling 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.

Construction boom trucks or heavy duty boom trucks will sometimes have a hoist accessory on the rear. Often labeled knuckle booms, these cranes might be shorter and more compact than the trolley boom, which has a boom able to extend the length of the vehicle. Crane boom trucks include a raising capability between 10 to 50 tons or just about 9 to 45 metric tons.

Concrete boom vehicles are a different variation. The booms on these lift trucks have a tube with a nozzle at the extreme end and are used to pump concrete or other resources. The areas where these resources have to be deposited is commonly inaccessible to the truck or is stationed at a substantial height, therefore, the boom of a larger concrete boom vehicle may well be extended 230 feet or just about 71 meters. The vehicle then pumps the concrete through the boom completely depositing it into the space where it is required.

Fire engines are often equipped with a boom container able to lift firefighters up to the upper floors of buildings. What's more, this boom will permit firefighters to aim the flow of water or to engage or rescue trapped victims. Many of the older hook and ladder trucks have been displaced by up to date boom vehicles.

Self propelled booms are very similar to lift trucks. These little boom vehicles can lift workers to lofty storage or to the ceiling of large warehouses and stockroom facilities. They are more secure and as a result much safer than using extension ladders for the same application.