

Articulated Boom Lift Attachment

Articulated Boom Lift Attachment - Boom trucks are often used by phone, cable and utilities organizations as they have extended folded arms which are normally folded over the roofs of business vehicles. On the end of the extension of extendable arms typically sits a bucket-like apparatus. When a container truck has an extendable boom mounted the roof this is often referred to as an "aerial boom truck" or a "cherry picker". It is capable of transporting staff to the top of a telephone or utility pole. Bucket boom lift trucks have a lifting capacity of approximately 350 lbs to 1500 lbs or 158 kg to 680 kg plus they are able of extending the bucket up to 34 feet or to around 10 meters into the air.

Heavy equipment boom trucks or construction boom vehicles may have a hoist attached to the back. These cranes referred to as knuckle booms may be little and compact or be of the trolley boom type, where the hoist is able to extend the length of the truck bed. Crane boom trucks have a hauling capability between 10 to 50 tons or about 9 to 45 metric tons.

Another modification of boom truck is the concrete boom, which have a pipe with a nozzle at the end of the truck to pump concrete and other resources. The places where these resources ought to be deposited is usually inaccessible to the truck or is located at a substantial height, consequently, the boom of a larger concrete boom vehicle may well be extended 230 feet or approximately 71 meters. The vehicle then pumps the concrete through the boom completely depositing it into the space where it is needed.

Fire engines are normally fitted with a boom container able to raise firefighters up to the higher floors of buildings. Also, this boom will permit firefighters to aim the flow of water or to engage or rescue ensnared victims. Many of the older hook and ladder trucks have been displaced with contemporary boom vehicles.

There is in addition a miniature self-propelled boom truck, comparable to a forklift that is offered on the market for huge warehouses or manufacturing plants. These mini boom vehicles may lift employees to upper storage areas or to the ceiling of the building. They are far safer and more steady than using an extension ladder for the same application.