

Parts for Articulated Boom Lift

Articulated Boom Lift Part - Boom vehicle are often used by phone, cable and utilities firms as they have extended 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 mounted the roof this is sometimes called 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 vehicles have a lifting capacity of around 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 often called knuckle booms might be short and compact or be of the trolley boom kind, where the crane is able to extend the span of the truck bed. Crane boom vehicles possess a raising capacity between 10 to 50 tons or around 9 to 45 metric tons.

A different adaptation of boom truck is the concrete boom, which possess a tube with a nozzle at the end of the vehicle to pump concrete and other resources. The locations where these materials have to be deposited is usually inaccessible to the vehicle or is located at a substantial height, for that reason, the boom of a bigger concrete boom vehicle might be extended 230 feet or roughly 71 meters. The vehicle then pumps the material through the boom directly depositing it into the space where it is required.

Fire departments are equipped with a lengthy container boom used to hoist firefighters to the upper floors of a structure. Once in place, this boom allows them to direct water onto flames or to rescue trapped victims. Many of the older hook and ladder trucks have been replaced by current boom trucks.

There is in addition a small self-propelled boom truck, similar to a forklift that is existing on the market for large warehouses or production plants. These mini boom vehicles may lift workers to upper storage areas or to the ceiling of the building. They are much safer and more stable than utilizing an extension ladder for the same function.