

Articulated Boom Lift Attachment

Articulated Boom Lift Attachment - Boom trucks are often utilized by phone, cable and utilities companies as they have long folded arms which are generally folded over the roofs of business vehicles. On the end of the extension of extendable arms usually sits a bucket-like apparatus. When a container vehicle has an extendable boom installed on the roof this is sometimes referred to as an "aerial boom truck" or a "cherry picker". It is able to transport employees to the top of a telephone or utility pole. Bucket boom vans 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 just over 10 meters into the air.

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

Concrete boom trucks are a different adaptation. The booms on these lift trucks have a pipe with a nozzle at the remote end and are utilized to pump concrete or other resources. The places where these materials need to be deposited is usually inaccessible to the truck or is stationed at a considerable height, therefore, the boom of a larger concrete boom vehicle may well be extended 230 feet or approximately 71 meters. The vehicle then pumps the material through the boom precisely depositing it into the space where it is needed.

Fire departments are outfitted with a lengthy bucket boom employed to elevate firefighters to the upper floors of a structure. Once in place, this boom permits them to direct water onto a fire or to rescue trapped victims. A lot of the older hook and ladder trucks have been replaced by up to date boom vehicles.

There is also a miniature self-propelled boom vehicle, analogous to a forklift that is available on the market for huge warehouses or production facilities. These mini boom vehicles can lift staff to upper storage areas or to the ceiling of the building. They are much safer and more stable than using an extension ladder for the equivalent application.