

Articulated Boom Attachments

Boom vehicles are often utilized by phone, cable and utilities companies as they have long folded arms which are normally folded over the roofs of business vans. On the end of the extension of extendable arms typically sits a bucket-like apparatus. When a container truck has an extendable boom mounted to the roof this is sometimes known as an "aerial boom truck" or a "cherry picker". It can transport workers to the peak of a phone or electrical pole. Bucket boom lift trucks 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 trucks or construction boom trucks may have a crane attached to the back. These cranes often called knuckle booms might be undersized and compact or be of the trolley boom type, where the hoist is capable of extending the span of the vehicle bed. Hoist boom trucks possess a hauling capability between 10 to 50 tons or around 9 to 45 metric tons.

An added variation of boom truck is the concrete boom, which possess a tube with a nozzle at the end of the truck to pump concrete and other materials. The places where these materials ought to be deposited is oftentimes inaccessible to the vehicle or is found at a considerable height, therefore, the boom of a bigger concrete boom truck may be extended 230 feet or approximately 71 meters. The vehicle then pumps the concrete through the boom precisely depositing it into the space where it is required.

Fire departments are outfitted with a lengthy bucket boom employed to hoist firefighters to the high 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 displaced by modern boom trucks.

There is in addition a miniature self-propelled boom vehicle, analogous to a forklift that is available on the market for sizable warehouses or manufacturing facilities. These mini boom trucks can lift employees to upper storage areas or to the ceiling of the building. They are far safer and more steady than utilizing an extension ladder for the identical function.