

Boom Trucks

Boom vehicles are often applied by phone, cable television and utilities firms as they have long folded arms which are normally folded over the roofs of company vans. On the end of the extension of extendable arms frequently sits a bucket-like apparatus. When a container vehicle has an extendable boom installed on the roof this is often called an "aerial boom truck" or a "cherry picker". It can transport workers to the top of a telephone or utility pole. Bucket boom vehicles have a hauling 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.

Construction boom vehicles or heavy duty boom trucks will regularly have a crane attachment on the rear. Often termed knuckle booms, these cranes can be shorter and more compact than the trolley boom, which has a boom able to extend the length of the truck. Crane boom trucks include a lifting capability between 10 to 50 tons or about 9 to 45 metric tons.

Another modification of boom truck is the concrete boom, which possess a pipe with a nozzle at the end of the truck to pump concrete and other resources. The locations where these resources ought to be deposited is usually inaccessible to the truck or is found at a considerable height, therefore, the boom of a larger concrete boom truck might 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 needed.

Fire engines are frequently outfitted with a boom container able to hoist firefighters up to the higher floors of structures. Furthermore, this boom will allow firefighters to aim the flow of water or to engage or rescue trapped victims. A lot of the older hook and ladder trucks have been replaced by contemporary boom trucks.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 facilities. These mini boom trucks can elevate employees to upper storage areas or to the ceiling of the building. They are far safer and more stable than using an extension ladder for the equivalent application.