

## Boom Trucks

Boom trucks are often applied by phone, cable and utilities organizations as they have extended folded arms which are normally folded over the roofs of company vehicles. On the end of the extension of extendable arms typically sits a bucket-like apparatus. When a container truck has an extendable boom installed on the roof this is often called an "aerial boom truck" or a "cherry picker". It can transport employees to the top of a telephone or electrical pole. Bucket boom vehicles have a hauling capacity of approximately 350 lbs to 1500 lbs or 158 kg to 680 kg plus they are able to extend the bucket up to 34 feet or to around 10 meters into the air.

Construction boom vehicles or heavy duty boom vehicles will sometimes have a hoist appendage on the rear. Often called knuckle booms, these cranes may be shorter and more compact than the trolley boom, which has a boom capable of extending the length of the vehicle. Hoist boom trucks possess a hauling capability between 10 to 50 tons or around 9 to 45 metric tons.

Concrete boom vehicles are a different variation. The booms on these vehicles have a pipe with a nozzle at the extreme end and are used to pump concrete or other materials. The areas where these materials have to be deposited is oftentimes inaccessible to the vehicle or is located at a considerable height, consequently, the boom of a bigger concrete boom truck may be extended 230 feet or just about 71 meters. The truck then pumps the concrete through the boom directly depositing it into the space where it is needed.

Fire engines are normally outfitted with a boom container able to elevate firefighters up to the upper floors of structures. What's more, this boom will allow firefighters to guide the flow of water or to engage or rescue trapped victims. Some of the older hook and ladder trucks have been replaced with modern boom trucks.

There is in addition a miniature self-propelled boom truck, analogous to a forklift that is existing on the market for sizable warehouses or manufacturing plants. These mini boom vehicles can raise workers 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.