

## Boom Trucks

Boom vehicles are often utilized by phone, cable television and utilities companies as they have long folded arms which are typically folded over the roofs of company vehicles. On the end of the extension of extendable arms frequently sits a bucket-like apparatus. When a container vehicle has an extendable boom mounted 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 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.

Heavy equipment boom vehicles or construction boom vehicles might have a crane attached to the back. These cranes often called knuckle booms may be short and compact or be of the trolley boom variety, where the hoist is capable of extending the length of the vehicle bed. Crane boom vehicles have a raising capability between 10 to 50 tons or about 9 to 45 metric tons.

Concrete boom trucks are an additional adaptation. 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 resources have to be deposited is usually inaccessible to the vehicle or is found at a substantial height, consequently, the boom of a bigger concrete boom truck may well be extended 230 feet or just about 71 meters. The vehicle then pumps the material through the boom completely depositing it into the space where it is needed.

Fire departments are equipped with a lengthy bucket boom employed to lift firefighters to the high floors of a building. Once in place, this boom permits them to direct water onto flames or to rescue ensnared victims. Some of the older hook and ladder trucks have been replaced with modern boom trucks.

There is in addition a small self-propelled boom vehicle, related to a forklift that is available on the market for sizable warehouses or production plants. These mini boom trucks can raise employees to upper storage areas or to the ceiling of the building. They are far safer and more steady than using an extension ladder for the equivalent function.