

Boom Trucks

Boom trucks are often applied by phone, cable television and utilities organizations as they have extended folded arms which are typically folded over the roofs of business vans. On the end of the extension of extendable arms more often than not sits a bucket-like apparatus. When a bucket vehicle has an extendable boom installed on the roof this is sometimes referred to as an "aerial boom truck" or a "cherry picker". It can transport employees to the peak of a telephone or electrical pole. Bucket boom lift trucks have a lifting capacity of around 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 trucks will sometimes have a hoist appendage on the rear. Often termed knuckle booms, these cranes can be shorter and more compact than the trolley boom, which has a boom capable of extending the length of the truck. Hoist boom trucks have a raising capability between 10 to 50 tons or around 9 to 45 metric tons.

Concrete boom vehicles 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 locations where these materials have to be deposited is usually inaccessible to the vehicle or is found at a great height, for that reason, the boom of a larger concrete boom truck might be extended 230 feet or roughly 71 meters. The truck then pumps the concrete through the boom completely depositing it into the space where it is required.

Fire departments are outfitted with a lengthy bucket boom employed to raise firefighters to the high floors of a structure. Once in place, this boom enables them to direct water onto flames or to rescue ensnared victims. A lot of the older hook and ladder trucks have been displaced with current boom trucks.

There is in addition a miniature self-propelled boom vehicle, related to a forklift that is available on the market for large warehouses or production plants. These mini boom vehicles can lift 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 same function.