

## Boom Trucks

Boom vehicles are often applied by phone, cable and utilities firms as they have extended folded arms which are normally folded over the roofs of company vans. On the end of the extension of extendable arms more often than not sits a bucket-like apparatus. When a container truck has an extendable boom mounted the roof this is often referred to as an "aerial boom truck" or a "cherry picker". It can transport employees to the peak of a phone or electrical pole. Bucket boom vans have a lifting capacity of roughly 350 lbs to 1500 lbs or 158 kg to 680 kg plus they are able of extending the bucket up to 34 feet or just over 10 meters into the air.

Building boom trucks or heavy duty boom trucks will sometimes have a hoist accessory on the rear. Often referred to as 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 truck. Crane boom vehicles possess a hauling capability between 10 to 50 tons or approximately 9 to 45 metric tons.

Another adaptation of boom truck is the concrete boom, which have a pipe with a nozzle at the end of the truck to pump concrete and other materials. The areas where these resources ought to be deposited is commonly inaccessible to the truck or is stationed at a considerable height, for that reason, the boom of a bigger concrete boom vehicle might be extended 230 feet or roughly 71 meters. The truck then pumps the material through the boom precisely depositing it into the space where it is required.

Fire engines are often equipped with a boom container able to elevate firefighters up to the upper floors of buildings. Additionally, this boom will permit firefighters to guide the flow of water or to engage or rescue trapped victims. Some of the older hook and ladder lift trucks have been displaced by modern boom vehicles.

There is in addition a miniature self-propelled boom truck, similar to a forklift that is available on the market for large warehouses or manufacturing plants. These mini boom vehicles may raise workers to upper cargo areas or to the ceiling of the building. They are much safer and more durable than utilizing an extension ladder for the same application.