

## Boom Trucks

Boom trucks are often used by phone, cable and utilities companies as they have long folded arms which are commonly folded over the roofs of business vehicles. 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 mounted the roof this is often referred to as an "aerial boom truck" or a "cherry picker". It can transport workers to the peak of a telephone or electrical pole. Bucket boom lift trucks have a hauling capacity of approximately 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 sometimes have a crane appendage on the rear. Often labeled knuckle booms, these cranes might be shorter and more compact than the trolley boom, which has a boom able to extend the length of the vehicle. Crane boom trucks have a hauling capability between 10 to 50 tons or just 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 need to be deposited is oftentimes inaccessible to the vehicle or is found at a substantial height, therefore, the boom of a larger concrete boom truck may well be extended 230 feet or approximately 71 meters. The truck then pumps the concrete through the boom directly depositing it into the space where it is required.

Fire engines are frequently fitted with a boom bucket able to hoist firefighters up to the higher floors of structures. Additionally, this boom will permit firefighters to aim the flow of water or to engage or rescue ensnared victims. Some of the older hook and ladder lift trucks have been displaced by modern boom vehicles.

Self propelled booms are very comparable to forklifts. These little boom vehicles may raise employees to elevated storage space or to the ceiling of large warehouses and storeroom facilities. They are more secure and therefore far safer than using extension ladders for the same application.