

## Boom Trucks

Boom vehicles are often utilized by phone, cable and utilities companies as they have extended folded arms which are commonly 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 mounted the roof this is sometimes called an "aerial boom truck" or a "cherry picker". It is capable of transporting staff to the top of a telephone or utility pole. Bucket boom lift trucks have a hauling capacity of roughly 350 lbs to 1500 lbs or 158 kg to 680 kg and are capable of extending 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 rear. These cranes referred to as knuckle booms may be short and compact or be of the trolley boom variety, where the hoist is able to extend the length of the vehicle bed. Hoist boom vehicles include a raising capability between 10 to 50 tons or just about 9 to 45 metric tons.

An alternate modification of boom truck is the concrete boom, which have a tube with a nozzle at the end of the vehicle to pump concrete and other resources. The places where these materials need to be deposited is commonly inaccessible to the truck or is found at a great height, therefore, the boom of a bigger concrete boom truck may be extended 230 feet or approximately 71 meters. The truck then pumps the material through the boom directly depositing it into the space where it is required.

Fire departments are outfitted with a lengthy container 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 lift trucks have been displaced with modern boom trucks.

There is in addition a miniature self-propelled boom vehicle, analogous to a forklift that is offered on the market for sizable warehouses or production facilities. These mini boom trucks may elevate workers to upper storage areas or to the ceiling of the building. They are much safer and more steady than using an extension ladder for the identical function.