

## Boom Trucks

A boom truck is often recognized by the cable and phone business vehicles that have the elongated arm folded over their roofs. Typically, a bucket-like apparatus sits at the extension of extendable arms. Usually known as a cherry picker, or an aerial boom vehicle, a bucket vehicle has an extendable boom mounted the roof or bed. It can transport workers to the peak of a telephone or electrical pole. Bucket boom vehicles have a hauling capacity of around 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.

Heavy equipment boom trucks or construction boom trucks can have a crane attached to the rear. These cranes known as knuckle booms might be little and compact or be of the trolley boom variety, where the hoist is able to extend the length of the vehicle bed. Hoist boom trucks include a hauling capacity between 10 to 50 tons or roughly 9 to 45 metric tons.

A different adaptation of boom truck is the concrete boom, which have a pipeline with a nozzle at the end of the vehicle to pump concrete and other resources. The locations where these resources have to be deposited is commonly inaccessible to the truck or is found at a considerable height, consequently, the boom of a bigger concrete boom vehicle might be extended 230 feet or just about 71 meters. The truck then pumps the concrete through the boom precisely depositing it into the space where it is required.

Fire engines are often fitted with a boom bucket able to lift firefighters up to the higher floors of buildings. In addition, this boom will allow firefighters to point the flow of water or to engage or rescue trapped victims. Some of the older hook and ladder trucks have been replaced by contemporary boom trucks.

Self propelled booms are very similar to forklifts. These little boom vehicles can hoist workers to lofty storage or to the ceiling of large warehouses and storeroom facilities. They are more stable and therefore much safer than using extension ladders for the similar application.