Boom Trucks

Boom vehicle are often applied by phone, cable television and utilities firms as they have extended folded arms which are typically folded over the roofs of company vehicles. On the end of the extension of extendable arms frequently sits a bucket-like apparatus. When a container vehicle has an extendable boom installed on the roof this is sometimes known as an "aerial boom truck" or a "cherry picker". It is able to transport staff to the peak of a phone or utility pole. Bucket boom vans have a hauling capacity of around 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 trucks may 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 span of the vehicle bed. Hoist boom trucks include a lifting capability between 10 to 50 tons or approximately 9 to 45 metric tons.

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

Fire engines are often fitted with a boom bucket able to hoist firefighters up to the upper floors of buildings. Also, this boom will permit firefighters to direct the flow of water or to engage or rescue trapped victims. Some of the older hook and ladder trucks have been replaced by modern boom vehicles.

Self propelled booms are very similar to lift trucks. These little boom trucks can raise workers to lofty storage space or to the ceiling of large warehouses and storeroom offices. They are more stable and therefore far safer than using extension ladders for the similar application.