Boom Trucks

Boom vehicle are often utilized by phone, cable and utilities firms as they have extended folded arms which are commonly folded over the roofs of company vehicles. On the end of the extension of extendable arms usually sits a bucket-like apparatus. When a bucket truck has an extendable boom installed on the roof this is sometimes referred to as an "aerial boom truck" or a "cherry picker". It is able to transport staff to the peak of a telephone or utility pole. Bucket boom vehicles have a hauling capacity of approximately 350 lbs to 1500 lbs or 158 kg to 680 kg and are capable of extending the bucket up to 34 feet or just over 10 meters into the air.

Heavy equipment boom trucks or construction boom vehicles may have a crane attached to the back. These cranes known as knuckle booms might be little and compact or be of the trolley boom variety, where the crane is able to extend the length of the truck bed. Hoist boom trucks include a raising capability between 10 to 50 tons or around 9 to 45 metric tons.

A different adaptation 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 ought to be deposited is commonly inaccessible to the vehicle or is found at a great height, consequently, the boom of a bigger concrete boom vehicle may well 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 needed.

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 Some of the older hook and ladder lift trucks have been replaced by current boom vehicles.

Self propelled booms are relatively comparable to lift trucks. These little boom trucks can hoist workers to lofty storage space or to the ceiling of large warehouses and storage facilities. They are more secure and as a result far safer than using extension ladders for the similar application.