Boom Trucks

Boom vehicle are often utilized by phone, cable television and utilities firms as they have long folded arms which are typically folded over the roofs of business vehicles. On the end of the extension of extendable arms usually sits a bucket-like apparatus. When a bucket truck has an extendable boom mounted the roof this is sometimes called an "aerial boom truck" or a "cherry picker". It is able to transport workers to the peak of a phone or utility pole. Bucket boom vans have a lifting 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 to around 10 meters into the air.

Building boom vehicles or heavy duty boom trucks will sometimes have a crane appendage on the rear. Often termed knuckle booms, these cranes can be shorter and more compact than the trolley boom, which has a boom capable of extending the length of the vehicle. Crane boom vehicles include a hauling capability between 10 to 50 tons or about 9 to 45 metric tons.

An added adaptation of boom truck is the concrete boom, which possess a tube with a nozzle at the end of the truck to pump concrete and other resources. The locations where these materials ought to be deposited is usually inaccessible to the vehicle or is located at a great height, therefore, the boom of a larger concrete boom vehicle might be extended 230 feet or roughly 71 meters. The truck then pumps the concrete through the boom directly depositing it into the space where it is needed.

Fire engines are often outfitted with a boom bucket able to hoist firefighters up to the upper floors of buildings. Moreover, this boom will permit firefighters to guide the flow of water or to engage or rescue trapped victims. Some of the older hook and ladder trucks have been displaced with up to date boom vehicles.

Self propelled booms are relatively similar to forklifts. These little boom trucks may lift workers to elevated storage or to the ceiling of large warehouses and storage facilities. They are more secure and as a result much safer than using extension ladders for the same application.