Zoom Boom Part

Parts for Zoom Booms - A boom truck is sometimes recognized by the cable and phone company vans that have the long arm folded over their roofs. Usually, a bucket-like equipment sits at the extension of extendable arms. Sometimes known as a cherry picker, or an aerial boom truck, a bucket vehicle has an extendable boom installed on the roof or bed. It can transport workers to the top of a phone or utility pole. Bucket boom vehicles have a lifting 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 trucks or construction boom trucks may have a crane attached to the rear. These cranes often called knuckle booms might be little and compact or be of the trolley boom type, where the crane is able to extend the length of the truck bed. Crane boom trucks include a lifting capacity between 10 to 50 tons or about 9 to 45 metric tons.

Concrete boom trucks are a different adaptation. The booms on these lift trucks have a tube with a nozzle at the extreme end and are utilized to pump concrete or other materials. The places where these resources need to be deposited is usually inaccessible to the truck or is stationed at a great height, consequently, the boom of a larger concrete boom vehicle may be extended 230 feet or approximately 71 meters. The truck then pumps the concrete through the boom directly depositing it into the space where it is needed.

Fire departments are equipped with a lengthy bucket boom used to hoist firefighters to the high floors of a structure. Once in place, this boom enables them to direct water onto a fire or to rescue ensnared victims. Many of the older hook and ladder trucks have been replaced with modern boom trucks.

Self propelled booms are relatively similar to lift trucks. These little boom vehicles may lift workers to lofty storage space or to the ceiling of large warehouses and stockroom facilities. They are more secure and therefore much safer than using extension ladders for the same application.