Boom Trucks

A boom truck is often recognized by the cable and telephone company vehicles that have the elongated arm folded over their roofs. Typically, a bucket-like equipment 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 staff to the top of a telephone or electrical pole. Bucket boom lift trucks have a hauling capacity of approximately 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.

Heavy equipment boom trucks or construction boom vehicles might have a hoist attached to the back. These cranes referred to as knuckle booms may be undersized and compact or be of the trolley boom kind, where the hoist is able to extend the span of the truck bed. Crane boom trucks have a lifting capability between 10 to 50 tons or about 9 to 45 metric tons.

An added adaptation of boom truck is the concrete boom, which have a pipe with a nozzle at the end of the truck to pump concrete and other resources. The areas where these resources have to be deposited is commonly inaccessible to the truck or is found at a great height, consequently, the boom of a larger concrete boom truck might be extended 230 feet or roughly 71 meters. The vehicle then pumps the concrete through the boom precisely depositing it into the space where it is needed.

Fire departments are equipped with a lengthy bucket boom used to raise firefighters to the high floors of a building. Once in place, this boom permits them to direct water onto flames or to rescue ensnared victims. Some of the older hook and ladder lift trucks have been displaced by up to date boom trucks.

Self propelled booms are very similar to forklifts. These little boom vehicles can hoist employees to lofty cargo space or to the ceiling of large warehouses and storeroom facilities. They are more stable and as a result far safer than using extension ladders for the same application.