Boom Trucks

A boom truck is often recognized by the cable and telephone company vans that have the extended arm folded over their roofs. Commonly, a bucket-like apparatus sits at the extension of extendable arms. Normally called a cherry picker, or an aerial boom vehicle, a bucket truck has an extendable boom installed on the roof or bed. It is capable of transporting staff to the peak of a telephone or utility pole. Bucket boom vans have a lifting capacity of roughly 350 lbs to 1500 lbs or 158 kg to 680 kg plus they are able of extending the bucket up to 34 feet or just over 10 meters into the air.

Construction boom vehicles or heavy duty boom trucks will often have a crane accessory on the rear. Often labeled knuckle booms, these cranes may be shorter and more compact than the trolley boom, which has a boom capable of extending the length of the truck. Crane boom vehicles possess a lifting capability between 10 to 50 tons or around 9 to 45 metric tons.

Concrete boom trucks are a different variation. The booms on these vehicles have a pipeline with a nozzle at the extreme end and are utilized to pump concrete or other materials. The locations where these resources need to be deposited is commonly inaccessible to the truck or is located at a substantial height, therefore, the boom of a bigger concrete boom truck might be extended 230 feet or approximately 71 meters. The truck then pumps the concrete through the boom precisely depositing it into the space where it is required.

Fire departments are outfitted with a lengthy bucket boom used to hoist firefighters to the high floors of a building. Once in place, this boom enables them to direct water onto flames or to rescue ensnared victims. Many of the older hook and ladder lift trucks have been displaced by current boom vehicles.

There is in addition a miniature self-propelled boom vehicle, comparable to a forklift that is available on the market for large warehouses or production plants. These mini boom vehicles can raise workers to upper storage areas or to the ceiling of the building. They are far safer and more durable than using an extension ladder for the identical function.