Boom Trucks

A boom truck is frequently recognized by the cable and telephone company vehicles that have the long arm folded over their roofs. Commonly, a bucket-like equipment sits at the extension of extendable arms. Normally known as a cherry picker, or an aerial boom truck, a bucket vehicle has an extendable boom installed on the roof or bed. It is able to transport staff to the peak of a telephone or utility pole. Bucket boom vans have a lifting 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.

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

Concrete boom vehicles are a further deviation. The booms on these vehicles have a tube with a nozzle at the remote end and are used to pump concrete or other resources. The locations where these materials have to be deposited is usually inaccessible to the truck or is found at a considerable height, therefore, the boom of a larger concrete boom truck may be extended 230 feet or roughly 71 meters. The vehicle then pumps the material through the boom directly depositing it into the space where it is required.

Fire departments are equipped with a lengthy bucket boom employed to lift firefighters to the high floors of a building. Once in place, this boom allows them to direct water onto flames or to rescue trapped victims. A lot of of the older hook and ladder lift trucks have been displaced with current boom trucks.

There is in addition a small self-propelled boom vehicle, similar to a forklift that is existing on the market for sizable warehouses or manufacturing facilities. These mini boom trucks may elevate staff to upper storage areas or to the ceiling of the building. They are much safer and more durable than using an extension ladder for the identical application.