

Boom Trucks

Boom trucks 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 container truck has an extendable boom mounted the roof this is often referred to as an "aerial boom truck" or a "cherry picker". It can transport staff to the peak of a telephone or utility pole. Bucket boom vehicles have a hauling capacity of around 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.

Heavy equipment boom vehicles or construction boom vehicles can have a hoist attached to the back. These cranes known as knuckle booms may be little and compact or be of the trolley boom kind, where the crane is capable of extending the length of the vehicle bed. Crane boom vehicles have a hauling capacity between 10 to 50 tons or approximately 9 to 45 metric tons.

Concrete boom vehicles are another deviation. The booms on these vehicles have a pipe with a nozzle at the far end and are utilized to pump concrete or other resources. The places where these materials have to be deposited is commonly inaccessible to the vehicle or is located at a considerable height, consequently, the boom of a bigger concrete boom truck may well be extended 230 feet or just about 71 meters. The vehicle then pumps the material through the boom precisely depositing it into the space where it is required.

Fire departments are outfitted with a lengthy container boom used to raise firefighters to the upper floors of a building. Once in place, this boom permits them to direct water onto a fire or to rescue trapped victims. Some of the older hook and ladder trucks have been displaced by modern boom vehicles.

There is also a miniature self-propelled boom vehicle, analogous to a forklift that is available on the market for sizable warehouses or production plants. These mini boom trucks may raise employees to upper storage areas or to the ceiling of the building. They are much safer and more stable than utilizing an extension ladder for the identical application.