Boom Trucks

Boom vehicle are often utilized by phone, cable television and utilities organizations as they have extended folded arms which are typically folded over the roofs of company vehicles. On the end of the extension of extendable arms typically sits a bucket-like apparatus. When a container truck has an extendable boom installed on the roof this is sometimes referred to as an "aerial boom truck" or a "cherry picker". It is capable of transporting workers to the peak of a telephone or utility pole. Bucket boom lift trucks have a hauling 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 vehicles may have a crane attached to the back. These cranes known as knuckle booms can be little and compact or be of the trolley boom type, where the hoist is capable of extending the span of the vehicle bed. Hoist boom trucks include a raising capability between 10 to 50 tons or roughly 9 to 45 metric tons.

A different modification of boom truck is the concrete boom, which possess a pipeline with a nozzle at the end of the vehicle to pump concrete and other resources. The places where these materials need to be deposited is usually inaccessible to the vehicle or is found at a substantial height, for that reason, the boom of a bigger concrete boom vehicle may be extended 230 feet or roughly 71 meters. The truck then pumps the material through the boom completely depositing it into the space where it is needed.

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

There is in addition a miniature self-propelled boom vehicle, related to a forklift that is existing on the market for sizable warehouses or production facilities. These mini boom trucks can lift workers to upper storage areas or to the ceiling of the building. They are much safer and more durable than utilizing an extension ladder for the equivalent application.