

Articulated Boom Lift Attachment

Boom vehicles are often utilized by phone, cable and utilities firms 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 more often than not sits a bucket-like apparatus. When a container truck has an extendable boom installed on the roof this is often referred to as an "aerial boom truck" or a "cherry picker". It is capable of transporting employees to the top of a telephone or utility pole. Bucket boom lift trucks have a lifting capacity of approximately 350 lbs to 1500 lbs or 158 kg to 680 kg plus they are able to extend the bucket up to 34 feet or to around 10 meters into the air.

Building boom trucks or heavy duty boom vehicles will often have a crane accessory on the rear. Often termed knuckle booms, these cranes may be shorter and more compact than the trolley boom, which has a boom able to extend the length of the vehicle. Crane boom trucks include a lifting capacity between 10 to 50 tons or around 9 to 45 metric tons.

A different modification of boom truck is the concrete boom, which has a tube with a nozzle at the end of the vehicle to pump concrete and other materials. The areas where these resources ought to be deposited is oftentimes inaccessible to the truck or is found at a substantial height, for that reason, the boom of a larger concrete boom truck may be extended 230 feet or approximately 71 meters. The vehicle then pumps the concrete through the boom precisely depositing it into the space where it is required.

Fire departments are equipped with a lengthy bucket boom employed to raise firefighters to the upper floors of a structure. 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 lift trucks have been replaced with modern boom trucks.

There is in addition a small self-propelled boom vehicle, analogous to a forklift that is offered on the market for huge warehouses or manufacturing 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 steady than using an extension ladder for the same application.