

## Articulated Boom Lift Attachment

Boom vehicles are often used by phone, cable and utilities organizations as they have long folded arms which are normally folded over the roofs of business vans. On the end of the extension of extendable arms more often than not sits a bucket-like apparatus. When a bucket vehicle has an extendable boom mounted the roof this is often known as an "aerial boom truck" or a "cherry picker". It is able to transport employees to the peak of a phone or utility pole. Bucket boom lift trucks have a hauling capacity of approximately 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.

Heavy equipment boom vehicles or construction boom trucks may have a crane attached to the rear. These cranes often called knuckle booms might be little and compact or be of the trolley boom kind, where the hoist is capable of extending the span of the truck bed. Crane boom vehicles include a raising capacity between 10 to 50 tons or about 9 to 45 metric tons.

An added adaptation of boom truck is the concrete boom, which have a tube with a nozzle at the end of the vehicle to pump concrete and other materials. The locations where these materials have to be deposited is oftentimes inaccessible to the truck or is located at a substantial height, for that reason, the boom of a bigger concrete boom truck may well be extended 230 feet or roughly 71 meters. The truck then pumps the concrete through the boom precisely depositing it into the space where it is needed.

Fire engines are frequently outfitted with a boom bucket able to elevate firefighters up to the upper floors of structures. What's more, this boom will allow firefighters to guide the flow of water or to engage or rescue trapped victims. Some of the older hook and ladder trucks have been displaced by up to date 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 facilities. These mini boom vehicles may elevate employees to upper storage areas or to the ceiling of the building. They are far safer and more durable than utilizing an extension ladder for the equivalent application.