

## Boom Trucks

Boom Trucks Training Burlington - Boom trucks are often utilized by phone, cable and utilities companies as they have extended folded arms which are normally folded over the roofs of business vehicles. On the end of the extension of extendable arms typically sits a bucket-like apparatus. When a bucket vehicle has an extendable boom mounted the roof this is sometimes known as an "aerial boom truck" or a "cherry picker". It is capable of transporting staff to the top of a telephone or utility pole. Bucket boom vehicles have a lifting 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.

Construction boom vehicles or heavy duty boom trucks will often have a crane attachment on the rear. Often termed knuckle booms, these cranes may be shorter and more compact than the trolley boom, which has a boom capable of extending the length of the vehicle. Hoist boom trucks have a hauling capacity between 10 to 50 tons or just about 9 to 45 metric tons.

An added adaptation of boom truck is the concrete boom, which have a pipe with a nozzle at the end of the truck to pump concrete and other materials. The places where these resources have to be deposited is usually inaccessible to the vehicle or is located at a considerable height, consequently, the boom of a larger concrete boom truck may be extended 230 feet or just about 71 meters. The truck then pumps the concrete through the boom directly depositing it into the space where it is required.

Fire departments are equipped with a lengthy container boom used to lift 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. Many of the older hook and ladder lift trucks have been displaced with modern boom vehicles.

Self propelled booms are quite similar to lift trucks. These little boom vehicles may lift employees to elevated storage or to the ceiling of large warehouses and storeroom offices. They are more secure and therefore far safer than using extension ladders for the same application.