

## Boom Trucks

Boom Trucks Training Richmond Hill - Boom vehicles are often utilized by phone, cable television and utilities companies as they have extended folded arms which are normally folded over the roofs of business vans. 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 called an "aerial boom truck" or a "cherry picker". It is able to transport workers to the top of a phone or utility pole. Bucket boom lift trucks have a lifting capacity of approximately 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 trucks or construction boom vehicles can have a crane attached to the rear. These cranes known as knuckle booms can be little and compact or be of the trolley boom type, where the crane is capable of extending the length of the vehicle bed. Crane boom vehicles have a lifting capability between 10 to 50 tons or about 9 to 45 metric tons.

A different variation of boom truck is the concrete boom, which possess a tube with a nozzle at the end of the vehicle to pump concrete and other resources. The areas where these materials need to be deposited is usually inaccessible to the vehicle or is located at a considerable height, therefore, the boom of a larger concrete boom vehicle might be extended 230 feet or just about 71 meters. The truck then pumps the material through the boom precisely depositing it into the space where it is needed.

Fire engines are normally equipped with a boom bucket able to raise firefighters up to the higher floors of buildings. Also, this boom will allow firefighters to direct the flow of water or to engage or rescue trapped victims. Many of the older hook and ladder lift trucks have been displaced with up to date boom vehicles.

There is in addition a small self-propelled boom vehicle, similar to a forklift that is offered on the market for huge warehouses or manufacturing plants. These mini boom vehicles may lift staff 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 identical application.