Boom Trucks

Boom Trucks Training Alberta - Boom vehicle are often used by phone, cable and utilities companies as they have long folded arms which are generally folded over the roofs of business vehicles. On the end of the extension of extendable arms usually sits a bucket-like apparatus. When a bucket truck has an extendable boom mounted the roof this is sometimes referred to as an "aerial boom truck" or a "cherry picker". It is capable of transporting workers to the top of a telephone or utility pole. Bucket boom vans 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 trucks can have a hoist attached to the back. These cranes known as knuckle booms might be short and compact or be of the trolley boom variety, where the hoist is able to extend the length of the vehicle bed. Hoist boom vehicles possess a raising capability between 10 to 50 tons or roughly 9 to 45 metric tons.

Concrete boom vehicles are a further deviation. The booms on these vehicles have a pipeline with a nozzle at the far end and are utilized to pump concrete or other materials. The locations where these materials have to be deposited is oftentimes inaccessible to the truck or is stationed at a great height, consequently, the boom of a larger concrete boom vehicle might 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 outfitted with a lengthy bucket boom employed to hoist firefighters to the high floors of a building. Once in place, this boom permits them to direct water onto flames or to rescue ensnared victims. A lot of of the older hook and ladder lift trucks have been replaced with current boom vehicles.

Self propelled booms are very similar to forklifts. These little boom vehicles can raise workers to elevated storage space or to the ceiling of large warehouses and storeroom offices. They are more secure and therefore much safer than using extension ladders for the same application.