

Articulated Boom Lift Attachments

Articulated Boom Lift Attachments - Boom trucks are often utilized by phone, cable and utilities companies as they have extended folded arms which are commonly folded over the roofs of company vans. On the end of the extension of extendable arms typically sits a bucket-like apparatus. When a container truck 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 staff to the top of a telephone or electrical pole. Bucket boom vans have a hauling 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 to around 10 meters into the air.

Heavy equipment boom trucks or construction boom vehicles might have a crane attached to the rear. These cranes referred to as knuckle booms might be undersized and compact or be of the trolley boom type, where the hoist is able to extend the length of the truck bed. Hoist boom trucks have a lifting capacity between 10 to 50 tons or just about 9 to 45 metric tons.

Another modification 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 materials. The locations where these resources have to be deposited is commonly inaccessible to the vehicle or is found at a considerable height, for that reason, the boom of a bigger concrete boom truck may be extended 230 feet or just about 71 meters. The truck then pumps the concrete through the boom completely depositing it into the space where it is needed.

Fire departments are outfitted with a lengthy container boom used to hoist firefighters to the upper floors of a building. Once in place, this boom enables them to direct water onto a fire or to rescue trapped victims. Many of the older hook and ladder trucks have been displaced with contemporary boom vehicles.

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