

Articulated Boom Lift Attachment

Articulated Boom Lift Attachments - Boom vehicle are often utilized by phone, cable television and utilities companies as they have extended folded arms which are generally 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 container truck has an extendable boom installed on the roof this is often identified as an "aerial boom truck" or a "cherry picker". It is capable of transporting workers to the peak of a phone or electrical pole. Bucket boom vehicles have a hauling 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 just over 10 meters into the air.

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

Concrete boom trucks are a different deviation. The booms on these vehicles have a pipeline with a nozzle at the far end and are used to pump concrete or other materials. The places where these resources need to be deposited is commonly inaccessible to the vehicle or is located at a substantial height, therefore, the boom of a larger concrete boom truck might 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 employed to elevate firefighters to the high floors of a building. Once in place, this boom allows them to direct water onto a fire or to rescue ensnared victims. Many of the older hook and ladder lift trucks have been displaced by contemporary boom trucks.

Self propelled booms are quite similar to lift trucks. These little boom vehicles may raise staff to lofty storage space or to the ceiling of large warehouses and storage offices. They are more stable and as a result much safer than using extension ladders for the similar application.