

Parts for Articulated Boom Lift

Articulated Boom Lift Parts - Boom vehicles are often applied by phone, cable and utilities firms as they have long folded arms which are typically folded over the roofs of business vehicles. 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 sometimes known as an "aerial boom truck" or a "cherry picker". It is capable of transporting employees 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 to around 10 meters into the air.

Heavy equipment boom vehicles or construction boom trucks can have a hoist attached to the rear. These cranes referred to as knuckle booms can be short and compact or be of the trolley boom variety, where the hoist is capable of extending the length of the truck bed. Crane boom vehicles possess a lifting capacity between 10 to 50 tons or approximately 9 to 45 metric tons.

An alternate modification of boom truck is the concrete boom, which have a tube with a nozzle at the end of the truck to pump concrete and other materials. The areas where these materials have to be deposited is usually inaccessible to the truck or is found at a considerable height, consequently, the boom of a bigger concrete boom truck might be extended 230 feet or approximately 71 meters. The vehicle then pumps the material through the boom directly depositing it into the space where it is needed.

Fire departments are outfitted with a lengthy bucket boom used to raise firefighters to the upper floors of a building. Once in place, this boom allows them to direct water onto flames or to rescue ensnared victims. Many of the older hook and ladder trucks have been replaced with contemporary boom trucks.

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