

Articulated Boom Lift Parts

Articulated Boom Lift Parts - A boom truck is sometimes recognized by the cable and telephone business vans that have the elongated arm folded over their roofs. Commonly, a bucket-like apparatus sits at the extension of extendable arms. Sometimes called a cherry picker, or an aerial boom vehicle, a bucket truck has an extendable boom installed on the roof or bed. It is able to transport employees to the top of a phone or electrical 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.

Construction boom vehicles or heavy duty boom vehicles will sometimes have a crane attachment on the rear. Often termed knuckle booms, these cranes may be shorter and more compact than the trolley boom, which has a boom capable of extending the length of the truck. Hoist boom trucks include a raising capability between 10 to 50 tons or around 9 to 45 metric tons.

Concrete boom trucks are another variation. The booms on these lift trucks have a pipe with a nozzle at the extreme end and are utilized to pump concrete or other materials. The areas where these materials ought to be deposited is commonly inaccessible to the vehicle or is found at a great height, for that reason, the boom of a bigger concrete boom truck might be extended 230 feet or roughly 71 meters. The vehicle then pumps the material through the boom precisely depositing it into the space where it is needed.

Fire departments are equipped with a lengthy container boom employed to lift firefighters to the upper floors of a building. Once in place, this boom allows them to direct water onto a fire or to rescue ensnared victims. Some of the older hook and ladder lift trucks have been displaced with modern boom vehicles.

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