

Articulated Boom Lift Part

Part for Articulated Boom Lift - A boom truck is frequently recognized by the cable and phone company vans that have the extended arm folded over their roofs. Typically, a bucket-like apparatus sits at the extension of extendable arms. Normally referred to as a cherry picker, or an aerial boom truck, a bucket vehicle has an extendable boom installed on the roof or bed. It can transport staff to the top of a phone or electrical pole. Bucket boom vans have a lifting capacity of around 350 lbs to 1500 lbs or 158 kg to 680 kg plus they are able of extending the bucket up to 34 feet or to around 10 meters into the air.

Building boom trucks or heavy duty boom trucks will often have a crane attachment on the rear. Often termed knuckle booms, these cranes might be shorter and more compact than the trolley boom, which has a boom able to extend the length of the vehicle. Crane boom vehicles include a lifting capability between 10 to 50 tons or approximately 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 truck to pump concrete and other materials. The locations where these materials have to be deposited is oftentimes inaccessible to the truck or is located at a considerable height, therefore, the boom of a larger concrete boom vehicle might be extended 230 feet or just about 71 meters. The truck then pumps the concrete through the boom precisely depositing it into the space where it is needed.

Fire departments are equipped with a lengthy bucket boom used to raise firefighters to the high floors of a building. Once in place, this boom allows them to direct water onto flames or to rescue trapped victims. Some of the older hook and ladder trucks have been displaced by current boom trucks.

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