

Truss Booms

Truss Boom - A truss boom is actually used in order to carry and place trusses. It is an extended boom additional part that is outfitted with a pyramid or triangular shaped frame. Usually, truss booms are mounted on equipment such as a skid steer loader, a compact telehandler or a forklift utilizing a quick-coupler accessory.

Older models of cranes have deep triangular truss booms that are assembled from standard open structural shapes which are fastened utilizing rivets or bolts. On these style booms, there are little if any welds. Each riveted or bolted joint is prone to rusting and therefore requires frequent upkeep and inspection.

A general design attribute of the truss boom is the back-to-back composition of lacing members. These are separated by the width of the flange thickness of an additional structural member. This particular design can cause narrow separation among the smooth exteriors of the lacings. There is little room and limited access to preserve and clean them against corrosion. Lots of rivets become loose and corrode in their bores and should be changed.