

Truss Booms

Truss Boom - A truss boom is used to pick up and position trusses. It is actually an extended boom attachment that is equipped with a triangular or pyramid shaped frame. Normally, truss booms are mounted on machinery such as a skid steer loader, a compact telehandler or a forklift using a quick-coupler attachment.

Older style cranes that have deep triangular truss booms are usually assemble and fastened using bolts and rivets into standard open structural shapes. There are seldom any welds on these kind booms. Every bolted or riveted joint is susceptible to rusting and thus requires regular upkeep and inspection.

Truss booms are made with a back-to-back arrangement of lacing members separated by the width of the flange thickness of an additional structural member. This design can cause narrow separation among the flat exteriors of the lacings. There is limited access and little room to clean and preserve them against corrosion. A lot of rivets become loose and corrode within their bores and should be replaced.