

Truss Boom

Truss Boom - A truss boom is used in order to pick up and place trusses. It is actually an extended boom additional part which is outfitted together with a triangular or pyramid shaped frame. Normally, truss booms are mounted on machines like a compact telehandler, a skid steer loader or a forklift using a quick-coupler attachment.

Older style cranes which have deep triangular truss booms are most often assemble and fastened using bolts and rivets into standard open structural shapes. There are rarely any welds on these style booms. Each and every bolted or riveted joint is susceptible to rust and thus needs frequent upkeep and inspection.

A common design feature of the truss boom is the back-to-back arrangement of lacing members. These are separated by the width of the flange thickness of another structural member. This particular design causes narrow separation amid the smooth surfaces of the lacings. There is limited access and little room to clean and preserve them against corrosion. Lots of rivets become loose and rust within their bores and should be replaced.