Truss Booms

Truss Boom - A truss boom is utilized in order to pick up and position trusses. It is an extended boom additional part which is equipped together with a pyramid or triangular shaped frame. Normally, truss booms are mounted on machinery like a skid steer loader, a compact telehandler or even a forklift making use of a quick-coupler attachment.

Older style cranes which 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 style booms. Every bolted or riveted joint is susceptible to rusting and thus requires regular maintenance and check up.

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 among the smooth surfaces of the lacings. There is limited access and little room to preserve and clean them against corrosion. Lots of rivets become loose and corrode in their bores and should be changed.