Truss Booms

Truss Boom - A truss boom is utilized in order to lift and place trusses. It is an extended boom additional part that is equipped together with a triangular or pyramid shaped frame. Typically, truss booms are mounted on machines like for instance a compact telehandler, a skid steer loader or a forklift using a quick-coupler attachment.

Older models of cranes have deep triangular truss booms which are assembled from standard open structural shapes which are fastened with rivets or bolts. On these style booms, there are few if any welds. Each and every riveted or bolted joint is susceptible to corrosion and thus needs regular maintenance and inspection.

A common design feature of the truss boom is the back-to-back assembly of lacing members. These are separated by the width of the flange thickness of an additional structural member. This design can cause narrow separation between the smooth surfaces of the lacings. There is limited access and little room to clean and preserve them against corrosion. Numerous bolts become loose and rust inside their bores and should be replaced.