Truss Booms

Truss Boom - A truss boom is utilized to carry and position trusses. It is actually an extended boom attachment that is outfitted with a triangular or pyramid shaped frame. Normally, truss booms are mounted on machines like a compact telehandler, a skid steer loader or even a forklift making use of a quick-coupler accessory.

Older cranes have deep triangular truss booms that are assembled from standard open structural shapes that are fastened using rivets or bolts. On these style booms, there are few if any welds. Every riveted or bolted joint is susceptible to rusting and therefore requires regular 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 could cause narrow separation among the smooth surfaces of the lacings. There is limited access and little room to preserve and clean them against rusting. Numerous bolts become loose and corrode inside their bores and must be replaced.