Truss Booms

Truss Boom - A truss boom is actually used in order to pick up and place trusses. It is actually an extended boom additional part that is equipped with a triangular or pyramid shaped frame. Normally, truss booms are mounted on machinery like for instance a compact telehandler, a skid steer loader or even a forklift using a quick-coupler accessory.

Older cranes have deep triangular truss booms which are assembled from standard open structural shapes which are fastened using rivets or bolts. On these style booms, there are little if any welds. Each and every bolted or riveted joint is susceptible to corrosion and thus requires frequent maintenance and check up.

A general 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 another structural member. This particular 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 rusting. Lots of rivets loosen and corrode within their bores and must be replaced.