Truss Booms

Truss Boom - A truss boom is used in order to pick up and position trusses. It is an extended boom attachment that is equipped together with a triangular or pyramid shaped frame. Typically, truss booms are mounted on machinery such as a compact telehandler, a skid steer loader or a forklift using a quick-coupler accessory.

Older cranes have deep triangular truss booms that are assembled from standard open structural shapes which are fastened with rivets or bolts. On these style booms, there are few if any welds. Every bolted or riveted joint is susceptible to rusting and thus needs frequent maintenance and check up.

Truss booms are designed with a back-to-back arrangement of lacing members separated by the width of the flange thickness of an additional structural member. This particular design can cause narrow separation amid the flat surfaces of the lacings. There is little room and limited access to clean and preserve them against rust. Lots of rivets loosen and corrode in their bores and must be replaced.