Truss Boom

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

Older cranes have deep triangular truss booms which are assembled from standard open structural shapes which are fastened utilizing bolts or rivets. On these style booms, there are little if any welds. Each bolted or riveted joint is prone to rusting and therefore needs regular maintenance and check up.

A common 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 design can cause narrow separation between the flat exteriors of the lacings. There is little room and limited access to preserve and clean them against rust. Numerous rivets loosen and corrode inside their bores and should be replaced.