

Truss Booms

Truss Boom - A truss boom is used to be able to lift and place trusses. It is actually an extended boom additional part that is equipped along with a triangular or pyramid shaped frame. Normally, truss booms are mounted on machinery like for example a compact telehandler, a skid steer loader or even a forklift making use of a quick-coupler accessory.

Older models of 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 few if any welds. Each bolted or riveted joint is prone to rusting and therefore needs frequent upkeep and check up.

A general design feature of the truss boom is the back-to-back arrangement of lacing members. These are separated by the width of the flange thickness of an additional structural member. This 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. A lot of bolts loosen and corrode within their bores and must be changed.