

Truss Booms

Truss Boom - A truss boom is actually used to lift and place trusses. It is actually an extended boom additional part that is outfitted along with a triangular or pyramid shaped frame. Normally, truss booms are mounted on equipment like a compact telehandler, a skid steer loader or a forklift utilizing a quick-coupler accessory.

Older cranes have deep triangular truss booms which are assembled from standard open structural shapes that are fastened using bolts or rivets. On these style booms, there are few if any welds. Every bolted or riveted joint is susceptible to rusting and therefore needs regular upkeep and inspection.

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 design could 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 rust inside their bores and should be replaced.