

Truss Boom

Truss Boom - A truss boom is used to be able to carry 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 a compact telehandler, a skid steer loader or even a forklift utilizing a quick-coupler accessory.

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

Truss booms are designed with a back-to-back collection of lacing members separated by the width of the flange thickness of an additional structural member. This particular design causes narrow separation between the smooth exteriors of the lacings. There is limited access and little room to preserve and clean them against rust. Lots of rivets become loose and corrode within their bores and should be changed.