

Truss Boom

Truss Boom - A truss boom is utilized in order to lift and place trusses. It is actually an extended boom additional part that is outfitted with a triangular or pyramid shaped frame. Normally, truss booms are mounted on machines like for example a skid steer loader, a compact telehandler or even a forklift making use of 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 little if any welds. Each and every riveted or bolted joint is prone to rusting and thus requires frequent upkeep and check up.

A general design feature of the truss boom is the back-to-back composition of lacing members. These are separated by the width of the flange thickness of another structural member. This design can cause narrow separation among the smooth surfaces of the lacings. There is limited access and little room to clean and preserve them against rusting. Lots of rivets loosen and corrode inside their bores and should be changed.