

Truss Boom

Truss Boom - A truss boom is actually used in order to pick up and place trusses. It is an extended boom additional part which is equipped with a triangular or pyramid shaped frame. Typically, truss booms are mounted on equipment like for example a compact telehandler, a skid steer loader or a forklift using a quick-coupler accessory.

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

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 particular design could cause narrow separation between the flat surfaces of the lacings. There is limited access and little room to clean and preserve them against rusting. Numerous bolts become loose and rust in their bores and must be changed.