

Truss Booms

Truss Boom - A truss boom is utilized in order to lift and place trusses. It is actually an extended boom attachment which is equipped along with a triangular or pyramid shaped frame. Usually, truss booms are mounted on equipment such as a compact telehandler, a skid steer loader or even a forklift using a quick-coupler accessory.

Older cranes have deep triangular truss booms that are assembled from standard open structural shapes that are fastened making use of rivets or bolts. On these style booms, there are few if any welds. Every riveted or bolted joint is prone to rusting and thus requires regular 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 causes narrow separation among the flat exteriors of the lacings. There is little room and limited access to clean and preserve them against rust. Numerous rivets loosen and corrode inside their bores and must be changed.