

Truss Booms

Truss Boom - A truss boom is utilized to be able to pick up and position trusses. It is actually an extended boom attachment which is equipped along with a triangular or pyramid shaped frame. Typically, truss booms are mounted on machinery such as a skid steer loader, a compact telehandler or a forklift making use of a quick-coupler attachment.

Older models of 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 little if any welds. Each bolted or riveted joint is susceptible to rusting and therefore needs regular upkeep and check up.

A common 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 can cause narrow separation among the flat surfaces of the lacings. There is limited access and little room to clean and preserve them against rusting. Numerous rivets loosen and corrode in their bores and should be changed.