

Truss Booms

Truss Boom - A truss boom is actually used to be able to pick up and place trusses. It is an extended boom attachment which is outfitted with a triangular or pyramid shaped frame. Usually, truss booms are mounted on machines such as a compact telehandler, a skid steer loader or even a forklift using a quick-coupler accessory.

Older kind cranes that have deep triangular truss booms are usually assemble and fastened using bolts and rivets into standard open structural shapes. There are rarely any welds on these style booms. Every bolted or riveted joint is susceptible to corrosion and therefore needs regular maintenance and inspection.

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 particular design can cause narrow separation between the flat exteriors of the lacings. There is limited access and little room to preserve and clean them against rusting. A lot of rivets loosen and rust within their bores and should be changed.