

## Truss Booms

Truss Boom - A truss boom is utilized to lift and position trusses. It is actually an extended boom attachment that is outfitted along with a triangular or pyramid shaped frame. Normally, truss booms are mounted on machines such as a compact telehandler, a skid steer loader 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 rivets or bolts. On these style booms, there are little if any welds. Every bolted or riveted joint is prone to corrosion and therefore requires regular maintenance and check up.

A general design attribute 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 could cause narrow separation among the flat exteriors of the lacings. There is little room and limited access to preserve and clean them against rust. Lots of rivets loosen and corrode within their bores and should be replaced.