

Truss Boom

Truss Boom - A truss boom is utilized in order to pick up and position trusses. It is actually an extended boom attachment that is equipped along with a triangular or pyramid shaped frame. Typically, truss booms are mounted on machinery like for example a compact telehandler, a skid steer loader or even a forklift making use of a quick-coupler attachment.

Older models of cranes have deep triangular truss booms which are assembled from standard open structural shapes that are fastened using bolts or rivets. On these style booms, there are few if any welds. Every bolted or riveted joint is prone to rust and therefore requires regular maintenance and inspection.

A general design feature of the truss boom is the back-to-back assembly of lacing members. These are separated by the width of the flange thickness of an additional structural member. This particular design causes narrow separation amid the flat surfaces of the lacings. There is limited access and little room to clean and preserve them against rust. Numerous bolts become loose and corrode inside their bores and must be changed.