Truss Booms

Truss Boom - A truss boom is utilized to lift and place trusses. It is an extended boom additional part that is equipped with a triangular or pyramid shaped frame. Usually, truss booms are mounted on machines such as a compact telehandler, a skid steer loader or a forklift utilizing a quick-coupler attachment.

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

A common design feature of the truss boom is the back-to-back composition 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 surfaces of the lacings. There is little room and limited access to clean and preserve them against rust. A lot of bolts loosen and rust within their bores and must be changed.