Truss Boom

Truss Boom - A truss boom is used in order to lift and position trusses. It is an extended boom attachment which is equipped together with a triangular or pyramid shaped frame. Usually, truss booms are mounted on machines such as a skid steer loader, a compact telehandler or a forklift making use of a quick-coupler accessory.

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

Truss booms are made with a back-to-back arrangement of lacing members separated by the width of the flange thickness of another structural member. This particular design causes narrow separation among the smooth exteriors of the lacings. There is limited access and little room to preserve and clean them against rust. A lot of bolts loosen and corrode within their bores and should be changed.