Truss Boom

Truss Boom - A truss boom is used in order to pick up and place trusses. It is actually an extended boom additional part that is equipped together with a triangular or pyramid shaped frame. Normally, truss booms are mounted on machines such as a skid steer loader, a compact telehandler or even a forklift utilizing a quick-coupler attachment.

Older models of cranes have deep triangular truss booms that are assembled from standard open structural shapes which are fastened using rivets or bolts. On these style booms, there are little if any welds. Each bolted or riveted joint is susceptible to rust and thus needs frequent upkeep and inspection.

Truss booms are designed with a back-to-back collection of lacing members separated by the width of the flange thickness of another structural member. This particular design can cause narrow separation among the smooth exteriors of the lacings. There is limited access and little room to clean and preserve them against rusting. A lot of bolts become loose and rust within their bores and must be changed.