Truss Boom

Truss Boom - A truss boom is used to be able to lift and place trusses. It is actually an extended boom additional part which is outfitted with a triangular or pyramid shaped frame. Normally, truss booms are mounted on machines like for instance a skid steer loader, a compact telehandler or even a forklift utilizing a quick-coupler accessory.

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

A general design feature 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 design causes narrow separation amid the smooth surfaces of the lacings. There is little room and limited access to preserve and clean them against rust. Lots of bolts become loose and rust inside their bores and must be replaced.