Truss Boom

Truss Booms - A truss boom is utilized to be able to lift and place trusses. It is an extended boom additional part that is equipped together with a triangular or pyramid shaped frame. Normally, truss booms are mounted on equipment like for instance a skid steer loader, a compact telehandler or even a forklift using a quick-coupler attachment.

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

A general 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 another structural member. This design can cause narrow separation between the flat surfaces of the lacings. There is limited access and little room to clean and preserve them against rusting. Numerous bolts loosen and rust in their bores and should be replaced.