Truss Boom

Truss Booms - A truss boom is used to lift and position trusses. It is actually an extended boom attachment which is equipped along with a pyramid or triangular shaped frame. Usually, truss booms are mounted on equipment like a compact telehandler, a skid steer loader or even a forklift utilizing a quick-coupler accessory.

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

A general design attribute 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 among the flat surfaces of the lacings. There is limited access and little room to clean and preserve them against corrosion. A lot of bolts become loose and rust within their bores and should be changed.