Truss Boom

Truss Boom - A truss boom is actually utilized to be able to pick up and place trusses. It is actually an extended boom additional part that is outfitted along with a pyramid or triangular shaped frame. Usually, truss booms are mounted on machines like a compact telehandler, a skid steer loader or a forklift using a quick-coupler attachment.

Older style cranes that have deep triangular truss booms are most often assemble and fastened using bolts and rivets into standard open structural shapes. There are rarely any welds on these style booms. Each riveted or bolted joint is prone to rust and therefore requires frequent maintenance 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 another structural member. This particular design causes narrow separation among the flat exteriors of the lacings. There is limited access and little room to clean and preserve them against rusting. Numerous rivets become loose and rust within their bores and should be changed.