Truss Booms

Truss Boom - A truss boom is utilized to pick up and position trusses. It is actually an extended boom additional part that is equipped along with a pyramid or triangular shaped frame. Usually, truss booms are mounted on machinery such as a compact telehandler, a skid steer loader or even a forklift making use of a quick-coupler attachment.

Older style cranes that have deep triangular truss booms are usually assemble and fastened with bolts and rivets into standard open structural shapes. There are rarely any welds on these style booms. Every riveted or bolted joint is prone to rusting and thus needs frequent maintenance and check up.

A common 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 an additional structural member. This design causes narrow separation between the smooth surfaces of the lacings. There is little room and limited access to clean and preserve them against corrosion. A lot of bolts loosen and corrode inside their bores and should be replaced.