Truss Boom

Truss Boom - A truss boom is used to lift and position trusses. It is an extended boom additional part which is outfitted with a pyramid or triangular shaped frame. Normally, truss booms are mounted on equipment like a compact telehandler, a skid steer loader or a forklift utilizing a quick-coupler attachment.

Older models of cranes have deep triangular truss booms that 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 riveted or bolted joint is prone to corrosion and thus needs frequent maintenance and check up.

Truss booms are designed with a back-to-back collection of lacing members separated by the width of the flange thickness of another structural member. This particular design could cause narrow separation between 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 corrode in their bores and must be changed.