Truss Booms

Truss Boom - A truss boom is actually used to carry and position trusses. It is an extended boom attachment that is equipped with a pyramid or triangular shaped frame. Normally, truss booms are mounted on equipment like for example a skid steer loader, a compact telehandler or even a forklift making use of a quick-coupler attachment.

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

Truss booms are made with a back-to-back arrangement of lacing members separated by the width of the flange thickness of another structural member. This particular design causes narrow separation between the smooth exteriors of the lacings. There is little room and limited access to clean and preserve them against rusting. Numerous bolts become loose and rust within their bores and must be replaced.