Truss Booms

Truss Boom - Truss boom's can actually be utilized to be able to carry, move and position trusses. The additional part is designed to function as an extended boom additional part together with a triangular or pyramid shaped frame. Typically, truss booms are mounted on equipment such as a compact telehandler, a skid steer loader or even a forklift using a quick-coupler attachment.

Older models of cranes have deep triangular truss booms which are assembled from standard open structural shapes which are fastened using bolts or rivets. On these style booms, there are little if any welds. Every riveted or bolted joint is susceptible to rusting and thus needs frequent maintenance and check up.

A general design attribute of the truss boom is the back-to-back assembly of lacing members. These are separated by the width of the flange thickness of an additional structural member. This design can cause narrow separation between the smooth exteriors of the lacings. There is little room and limited access to clean and preserve them against corrosion. A lot of bolts loosen and corrode in their bores and must be replaced.