Truss Boom

Truss Boom - A truss boom is actually used to be able to carry and position trusses. It is actually an extended boom additional part which is outfitted with a triangular or pyramid shaped frame. Normally, truss booms are mounted on machinery like a skid steer loader, a compact telehandler or 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 rivets or bolts. On these style booms, there are little if any welds. Each riveted or bolted joint is susceptible to rusting and therefore requires frequent upkeep and inspection.

Truss booms are built with a back-to-back arrangement of lacing members separated by the width of the flange thickness of another structural member. This design can cause narrow separation between the flat surfaces of the lacings. There is limited access and little room to preserve and clean them against rust. A lot of bolts loosen and rust within their bores and should be changed.