Truss Boom

Truss Boom - A truss boom is used to be able to carry and place trusses. It is actually an extended boom additional part which is outfitted together with a pyramid or triangular shaped frame. Normally, truss booms are mounted on machines like a skid steer loader, a compact telehandler or a forklift making use of a quick-coupler accessory.

Older cranes have deep triangular truss booms which are assembled from standard open structural shapes which are fastened with rivets or bolts. On these style booms, there are few if any welds. Each riveted or bolted joint is prone to rusting and thus requires frequent maintenance and inspection.

A common design attribute 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 can cause narrow separation among the flat surfaces of the lacings. There is little room and limited access to clean and preserve them against rust. Numerous bolts loosen and corrode in their bores and must be replaced.