Truss Boom

Truss Boom - A truss boom is utilized to be able to lift and place trusses. It is an extended boom additional part that is outfitted together with a pyramid or triangular shaped frame. Usually, truss booms are mounted on machines like for instance a compact telehandler, a skid steer loader or even a forklift making use of a quick-coupler accessory.

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

A common 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 another structural member. This design can cause narrow separation between the smooth surfaces of the lacings. There is limited access and little room to preserve and clean them against rust. A lot of rivets loosen and corrode within their bores and must be replaced.