Truss Booms

Truss Booms - A truss boom is actually used in order to pick up and position trusses. It is an extended boom additional part which is outfitted together with a pyramid or triangular shaped frame. Typically, truss booms are mounted on machines like a skid steer loader, a compact telehandler or even a forklift making use of a quick-coupler accessory.

Older cranes have deep triangular truss booms that are assembled from standard open structural shapes that are fastened using rivets or bolts. On these style booms, there are few if any welds. Every riveted or bolted joint is susceptible to rust and therefore needs regular upkeep and inspection.

A general design feature of the truss boom is the back-to-back arrangement of lacing members. These are separated by the width of the flange thickness of an additional structural member. This particular design could cause narrow separation amid the smooth surfaces of the lacings. There is limited access and little room to clean and preserve them against rusting. A lot of rivets become loose and corrode inside their bores and must be changed.