

Truss Boom

Truss Boom - A truss boom is utilized to be able to lift and position trusses. It is an extended boom attachment that is equipped along with a pyramid or triangular shaped frame. Typically, truss booms are mounted on machines like for instance a skid steer loader, a compact telehandler or a forklift making use of a quick-coupler attachment.

Older models of cranes have deep triangular truss booms which are assembled from standard open structural shapes which are fastened making use of bolts or rivets. 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.

A common design feature of the truss boom is the back-to-back composition of lacing members. These are separated by the width of the flange thickness of another structural member. This particular design can cause narrow separation among the flat surfaces of the lacings. There is limited access and little room to preserve and clean them against rusting. A lot of rivets become loose and corrode inside their bores and should be replaced.