

Truss Boom

Truss Booms - A truss boom is actually used to pick up and place trusses. It is actually an extended boom attachment that is equipped together with a pyramid or triangular shaped frame. Typically, truss booms are mounted on equipment such as a skid steer loader, a compact telehandler or even a forklift using a quick-coupler accessory.

Older models of cranes have deep triangular truss booms that are assembled from standard open structural shapes which are fastened utilizing rivets or bolts. On these style booms, there are little if any welds. Each bolted or riveted joint is susceptible to rusting and therefore needs frequent maintenance and inspection.

A common 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 design can cause narrow separation between the flat surfaces of the lacings. There is little room and limited access to clean and preserve them against corrosion. Numerous rivets loosen and rust in their bores and should be replaced.