

Truss Booms

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 equipped with a triangular or pyramid shaped frame. Usually, truss booms are mounted on machinery such as a compact telehandler, a skid steer loader or even a forklift using a quick-coupler attachment.

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

A general 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 an additional structural member. This particular design could cause narrow separation among the smooth surfaces of the lacings. There is limited access and little room to preserve and clean them against corrosion. A lot of rivets loosen and rust in their bores and must be changed.