

Truss Boom

Truss Boom - Truss boom's can actually be used to pick up, transport and place trusses. The additional part is designed to perform as an extended boom additional part together with a pyramid or triangular shaped frame. Usually, truss booms are mounted on machinery such as a skid steer loader, a compact telehandler or even a forklift using a quick-coupler attachment.

Older cranes have deep triangular truss booms that are assembled from standard open structural shapes that are fastened utilizing rivets or bolts. On these style booms, there are few if any welds. Each bolted or riveted joint is prone to rust and therefore requires regular maintenance and check up.

A general design attribute of the truss boom is the back-to-back composition 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 between the flat exteriors of the lacings. There is limited access and little room to preserve and clean them against corrosion. Numerous bolts become loose and corrode within their bores and should be changed.