

Truss Boom

Truss Boom - A truss boom is used to carry and position trusses. It is an extended boom additional part that is equipped with a pyramid or triangular shaped frame. Typically, truss booms are mounted on equipment like for instance a compact telehandler, a skid steer loader or even a forklift utilizing a quick-coupler accessory.

Older models of 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. Every bolted or riveted joint is prone to corrosion and therefore needs regular maintenance and inspection.

A common 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 causes narrow separation between the flat exteriors of the lacings. There is little room and limited access to preserve and clean them against corrosion. A lot of bolts become loose and corrode inside their bores and must be replaced.