

Truss Booms

Truss Boom - A truss boom is used to be able to carry and position trusses. It is actually an extended boom attachment which is outfitted along with a pyramid or triangular shaped frame. Typically, truss booms are mounted on machinery like for instance 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 using rivets or bolts. On these style booms, there are little if any welds. Each riveted or bolted joint is prone to rust and thus needs frequent maintenance and check up.

Truss booms are built with a back-to-back collection of lacing members separated by the width of the flange thickness of another structural member. This design can cause narrow separation between the flat exteriors of the lacings. There is little room and limited access to preserve and clean them against corrosion. Numerous bolts become loose and corrode in their bores and must be changed.