

Truss Boom

Truss Boom - A truss boom is actually used in order to carry and position trusses. It is an extended boom attachment that is equipped together with a triangular or pyramid shaped frame. Typically, truss booms are mounted on machinery like for instance a skid steer loader, a compact telehandler or even a forklift making use of a quick-coupler attachment.

Older style cranes which have deep triangular truss booms are normally assemble and fastened utilizing bolts and rivets into standard open structural shapes. There are hardly ever any welds on these style booms. Each riveted or bolted joint is prone to rust and therefore needs regular maintenance and inspection.

A common design feature of the truss boom is the back-to-back composition of lacing members. These are separated by the width of the flange thickness of another structural member. This particular design causes narrow separation between the smooth surfaces of the lacings. There is little room and limited access to clean and preserve them against corrosion. A lot of bolts become loose and corrode inside their bores and should be replaced.