

Truss Boom

Truss Booms - A truss boom is used to be able to lift and place trusses. It is actually an extended boom attachment which is outfitted with a triangular or pyramid shaped frame. Typically, truss booms are mounted on machines such as a compact telehandler, a skid steer loader or even a forklift using a quick-coupler accessory.

Older style cranes that have deep triangular truss booms are usually assemble and fastened with bolts and rivets into standard open structural shapes. There are seldom any welds on these style booms. Each bolted or riveted joint is susceptible to corrosion and therefore requires frequent maintenance and inspection.

Truss booms are designed with a back-to-back arrangement of lacing members separated by the width of the flange thickness of an additional structural member. This particular design causes narrow separation among the smooth exteriors of the lacings. There is little room and limited access to clean and preserve them against rust. Numerous bolts loosen and rust within their bores and should be replaced.