

Truss Booms

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

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

A general design attribute of the truss boom is the back-to-back arrangement of lacing members. These are separated by the width of the flange thickness of an additional structural member. This design causes narrow separation between the smooth exteriors of the lacings. There is limited access and little room to clean and preserve them against rust. Numerous bolts loosen and corrode within their bores and must be replaced.