

Truss Boom

Truss Boom - A truss boom is actually used to carry and position trusses. It is an extended boom additional part which is equipped together with a pyramid or triangular shaped frame. Typically, truss booms are mounted on machines such as a skid steer loader, a compact telehandler or even a forklift using a quick-coupler accessory.

Older style cranes which have deep triangular truss booms are most often assemble and fastened with bolts and rivets into standard open structural shapes. There are rarely any welds on these kind booms. Every bolted or riveted joint is susceptible to rust and thus needs frequent maintenance and inspection.

Truss booms are built 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 flat exteriors of the lacings. There is limited access and little room to clean and preserve them against rust. Lots of bolts loosen and corrode in their bores and must be replaced.