Truss Boom

Truss Boom - A truss boom is used in order to lift and position trusses. It is actually an extended boom additional part that is outfitted with a pyramid or triangular shaped frame. Typically, truss booms are mounted on machines such as a compact telehandler, a skid steer loader or a forklift making use of a quick-coupler attachment.

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

Truss booms are made with a back-to-back collection of lacing members separated by the width of the flange thickness of an additional structural member. This design could cause narrow separation among the flat surfaces of the lacings. There is limited access and little room to preserve and clean them against corrosion. Lots of rivets become loose and rust inside their bores and must be changed.