Truss Boom

Truss Boom - A truss boom is used in order to pick up and position trusses. It is an extended boom additional part which is equipped together with a triangular or pyramid shaped frame. Normally, 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 kind cranes which have deep triangular truss booms are usually assemble and fastened utilizing bolts and rivets into standard open structural shapes. There are hardly ever any welds on these kind booms. Every riveted or bolted joint is prone to rust and therefore requires frequent maintenance and inspection.

Truss booms are made with a back-to-back arrangement of lacing members separated by the width of the flange thickness of an additional structural member. This design can cause narrow separation among the flat exteriors of the lacings. There is little room and limited access to clean and preserve them against corrosion. Numerous bolts become loose and corrode in their bores and must be replaced.