Truss Boom

Truss Boom - A truss boom is actually used to be able to pick up and position trusses. It is an extended boom additional part that is equipped with a pyramid or triangular shaped frame. Typically, truss booms are mounted on machinery like for instance a compact telehandler, a skid steer loader or even a forklift using a quick-coupler attachment.

Older kind cranes that have deep triangular truss booms are usually assemble and fastened with bolts and rivets into standard open structural shapes. There are rarely any welds on these kind booms. Each bolted or riveted joint is prone to rust and therefore needs regular maintenance and check up.

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