

Truss Boom

Truss Boom - Truss boom's can actually be used to pick up, move and place trusses. The additional part is designed to function as an extended boom additional part with a pyramid or triangular shaped frame. Typically, truss booms are mounted on equipment like for example a compact telehandler, a skid steer loader or a forklift using a quick-coupler attachment.

Older style cranes that 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 style booms. Every riveted or bolted joint is prone to corrosion and thus requires regular maintenance and check up.

A general design feature of the truss boom is the back-to-back assembly of lacing members. These are separated by the width of the flange thickness of an additional structural member. This particular design causes narrow separation among the flat surfaces of the lacings. There is little room and limited access to preserve and clean them against corrosion. Numerous rivets become loose and rust in their bores and must be changed.