

Truss Booms

A truss boom is used to carry and position trusses. It is an extended boom attachment that is equipped along with a pyramid or triangular shaped frame. Typically, truss booms are mounted on equipment such as a compact telehandler, a skid steer loader or a forklift utilizing 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 style booms. Each and every bolted or riveted joint is prone to corrosion and thus requires regular upkeep and inspection.

A general design feature of the truss boom is the back-to-back composition of lacing members. These are separated by the width of the flange thickness of another structural member. This design causes narrow separation among the flat surfaces of the lacings. There is limited access and little room to preserve and clean them against rusting. A lot of rivets become loose and rust in their bores and should be replaced.