

Truss Booms

Truss Booms - A truss boom is actually used to carry and position trusses. It is an extended boom attachment which is outfitted together with a pyramid or triangular shaped frame. Normally, truss booms are mounted on equipment like a compact telehandler, a skid steer loader or a forklift making use of a quick-coupler attachment.

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

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