

Truss Booms

Truss Boom - A truss boom is used in order to pick up and place trusses. It is actually an extended boom attachment that is equipped together with a pyramid or triangular shaped frame. Normally, truss booms are mounted on machines such as a skid steer loader, a compact telehandler or even a forklift using a quick-coupler attachment.

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

A common 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 can cause narrow separation between the smooth surfaces of the lacings. There is little room and limited access to preserve and clean them against rust. Lots of rivets loosen and rust in their bores and should be changed.