Truss Booms

Truss Booms - A truss boom is used to pick up 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 like for example a skid steer loader, a compact telehandler or even a forklift utilizing a quick-coupler attachment.

Older models of cranes have deep triangular truss booms that are assembled from standard open structural shapes that are fastened using rivets or bolts. On these style booms, there are little if any welds. Every riveted or bolted joint is prone to rust and therefore needs regular upkeep and inspection.

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 another structural member. This design causes narrow separation between the smooth surfaces of the lacings. There is little room and limited access to clean and preserve them against corrosion. Lots of rivets loosen and rust within their bores and should be changed.