Truss Booms

Truss Boom - A truss boom is used in order to carry and place trusses. It is an extended boom additional part which is equipped together with a pyramid or triangular shaped frame. Usually, 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 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 susceptible to corrosion and thus needs frequent maintenance and check up.

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 an additional structural member. This particular design can cause narrow separation amid the smooth exteriors of the lacings. There is little room and limited access to preserve and clean them against rust. Lots of rivets become loose and rust within their bores and should be changed.