

Truss Booms

Truss Boom - A truss boom is actually utilized in order to lift and place trusses. It is an extended boom attachment which is equipped with a pyramid or triangular shaped frame. Usually, truss booms are mounted on equipment such as a skid steer loader, a compact telehandler or even a forklift utilizing a quick-coupler accessory.

Older models of cranes have deep triangular truss booms which are assembled from standard open structural shapes which are fastened with rivets or bolts. On these style booms, there are little if any welds. Each and every riveted or bolted joint is prone to rusting and therefore needs frequent maintenance and inspection.

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