

STRUCTURES

POLONCEAU WOODEN TRUSS and STEEL BARS

This truss is made of two types of bars: compression bars made of single wooden squareness and tension bars made of steel bars. The joints between the struts and the rafters are solved through single anchorage.

The joints among the rafters are directed and it is ensure with metallic plates, through-bolts and nuts.

The struts support directly over the steel bars.

The tension middle sector is anchored through cudgels into the side bars. These side bars form the hangers and the extreme of the tension bar. These steel bars, in both sides, have been screwed across the rafters and they are anchored through nuts. In the middle of the nuts and the wooden pieces we place steel washers.

This truss is calculated for a space of 4 meters and a clear span the double of this model.