

Product Name :
Basic Roof Truss

Product Code :
ELABHTOOLSUK450003



Description :

Basic Roof Truss

Technical Specification :

The basic roof truss consists of two rafters or struts and a restraining tie. Both rafters are pivoted at their apex. The other end of one of the rafters is pivoted to a free standing base, whilst the remaining rafter end runs on ball bearings along a track.

When a load is hung from the apex, the free end of the rafter moves sideways, restrained by a spring balance tie.

Both rafters also include spring balances so that all internal loads can be directly measured.

Table-top experiment for resolving forces and analysing their distribution in simple frameworks

Number of nodes and members: 3

Dial gauge

Set of weights.