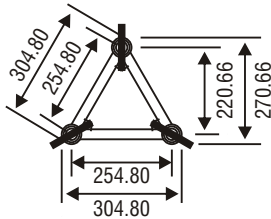


TFL Generic Truss XO Triangular



The XO truss is a recent innovation from Total Fabrications and is manufactured from a special high strength aluminium alloy. An important feature of this high strength, lightweight truss is that the alloy retains its shiny lustre for years, making it an ideal truss for use in exhibition, television, and corporate markets where presentation really counts. XO truss uses the TFC taper connector.



TFC Connector



Load Table

Span (metres)	3	4	5	6	7	8	9	10
UDL kg	1972	1474	1174	973	879	720	635	566
DEFL mm	10	18	28	41	56	73	93	115
CPL kg	986	737	587	487	414	360	317	283
DEFL mm	8	15	23	33	45	59	75	93
TPL kg	739	553	440	365	311	270	238	212
DEFL mm	10	19	29	42	57	75	95	117
QPL kg	493	368	293	243	207	180	159	141
DEFL mm	10	17	27	39	53	70	88	110

- All loads are given in Kilograms
- Allowance has been made for self-weight of truss
- Allowance has been made for frequent use factor of 83%
- The payload of the truss has been calculated as a permanent action. Should it be necessary to consider the payload as a variable action, the tabulated figures should be reduced to 90% of the given values.

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Material Specifications

Main Cord:	50.8mm x 2mm
Braces:	25.44mm x 2mm
Material:	EN AW-5449 H185
Fixings:	Conical : TFC pins & R3 Clips

Accessories

Circles
Angled Corners
Bespoke Lengths
Hinges and Swivels

Item Codes, Weights and Dimensions

XOT0.5M	XO Triangular 0.5M Truss Section	505mm x 270mm x 305mm	4 kg
XOT1M	XO Triangular 1M Truss Section	1050mm x 270mm x 305mm	5 kg
XOT1.5M	XO Triangular 1.5M Truss Section	1550mm x 270mm x 305mm	8 kg
XOT2M	XO Triangular 2M Truss Section	2050mm x 270mm x 305mm	8.6 kg
XOT2.5M	XO Triangular 2.5M Truss Section	2550mm x 270mm x 305mm	9 kg
XOT3M	XO Triangular 3M Truss Section	3050mm x 270mm x 305mm	12 kg
XOTC4	XO Triangular 4 Way Corner Section	516mm x 516mm x 270mm	6 kg

Design Specification

Manufactured in accordance with
BS EN 1090-3:2008 : Technical Requirements for aluminium structures
EN ISO 9001:2008 : Quality management systems
BS118 The Structural Use of Aluminium
CE Certified

