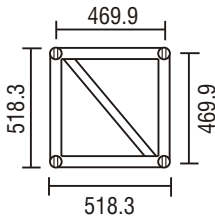


TFL Serious Truss Serious Medium Duty



Serious Medium Duty Truss has the same overall dimensions as Generic Medium Duty Truss, but offers even greater load carrying capacities and spans than the original. The use of thicker chords and diagonals increases the bending and shear strength of the truss which is offered with Fork End connectors as standard.



Load Table

Span (metres)	3	6	9	12	15	18
UDL kg	4592	4539	2961	2152	1651	1304
DEFL mm	2	13	30	54	84	122
CPL kg	1654	1615	1480	1076	826	652
DEFL mm	1	8	24	44	70	102
TPL kg	827	807	788	768	619	489
DEFL mm	1	7	22	52	86	124
QPL kg	551	538	525	512	413	326
DEFL mm	1	6	21	49	81	117

- 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.

TFL Serious Truss Serious Medium Duty



Material Specifications

Main Cord	48.44mm x 4.47mm
Braces	38.1mm x 3.25mm
Material:	EN AW-6082 T6
Fixings:	Fork End : TFT pins & R3 Clips

Accessories

Circles
Angled Corners
Bespoke Lengths
Hinges and Swivels

Item Codes, Weights and Dimensions

SMD5F	Serious MD 5ft Truss Section	1576mm x 521mm x 521mm	30 kg
SMD8F	Serious MD 8ft Truss Section	2499mm x 521mm x 521mm	42 kg
SMD10F	Serious MD 10ft Truss Section	3100mm x 521mm x 521mm	50 kg
SMD1M	Serious MD 1M Truss Section	1026mm x 521mm x 521mm	22 kg
SMD2M	Serious MD 2M Truss Section	2026mm x 521mm x 521mm	35 kg
SMD3M	Serious MD 3M Truss Section	3026mm x 521mm x 521mm	49 kg
SMD4M	Serious MD 4M Truss Section	4026mm x 521mm x 521mm	63 kg
SMDC4	Serious MD 4 Way Corner Section	681mm x 681mm x 521mm	35 kg
SMDS4	Serious MD Sleeve Section	681mm x 681mm x 521mm	38 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

