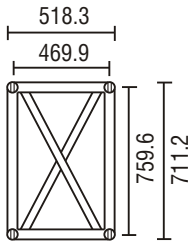


## TFL Serious Truss Serious Heavy Duty



Serious Heavy Duty Truss has the same overall dimensions as Generic Heavy 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	21	24
<b>UDL kg</b>	9638	6390	4173	3038	2337	1851	1490	1205
<b>DEFL mm</b>	1.53	8.18	18.37	32.59	50.79	72.89	98.83	128.5
<b>CPL kg</b>	6469	3195	2087	1519	1168	926	745	603
<b>DEFL mm</b>	1.64	6.57	14.82	26.46	41.58	60.29	82.73	109.05
<b>TPL kg</b>	4819	2396	1565	1139	876	694	559	452
<b>DEFL mm</b>	2.08	8.36	18.77	33.27	51.81	74.29	100.62	130.66
<b>QPL kg</b>	3213	1598	1043	760	584	463	400	301
<b>DEFL mm</b>	1.93	7.77	17.48	31.06	48.49	77.68	94.8	123.63

- 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 Heavy 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

SHD5F	Serious HD 5ft Truss Section	1576mm x 762mm x 521mm	34 kg
SHD8F	Serious HD 8ft Truss Section	2499mm x 762mm x 521mm	47 kg
SHD10F	Serious HD 10ft Truss Section	3100mm x 762mm x 521mm	56 kg
SHD1M	Serious HD 1M Truss Section	1026mm x 762mm x 521mm	25 kg
SHD2M	Serious HD 2M Truss Section	2026mm x 762mm x 521mm	40 kg
SHD3M	Serious HD 3M Truss Section	3026mm x 762mm x 521mm	56 kg
SHD4M	Serious HD 4M Truss Section	4026mm x 762mm x 521mm	71 kg
SHDC4	Serious HD 4 Way Corner Section	681mm x 681mm x 762mm	39 kg
SHDS4	Serious HD Sleeve Section	681mm x 681mm x 762mm	43 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

