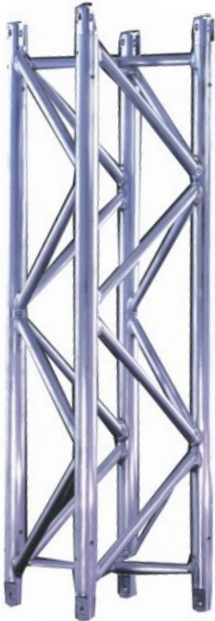


Slick Lite Truss GS Truss

Slick

G.S. Truss combines the lateral strength of Minibeam with high vertical loading. It is a 347mm OD square truss and comes in exactly the same lengths as Mini Beam, i.e. metric and imperial modules, and can be adapted to be used along side in certain circumstances. In addition, Slick's Mini Ladder Beam system can be used in conjunction with both Mini Beam and GS Truss giving greater flexibility to the designer.

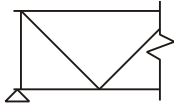
GS Truss is widely used in tower applications and can be made into a self climbing tower with the addition of a purpose built steel base unit, head block and a variety of Sleeve Blocks.



Slick Lite Truss GS Truss



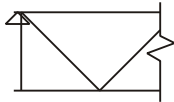
Load Tables



Load capacities for the truss for the following orientation and support condition

Span (metres)	2	4	6	8	10	12	14	16	17
UDL kg	2232	2128	3151	2326	1822	1478	1227	1033	951
DEFL mm	1	5	23	40	62	86	114	143	158
CPL kg	2236	2068	1543	1120	857	674	538	430	384
DEFL mm	1	7	18	31	46	63	80	95	102
TPL kg	2234	2098	2347	1723	1339	1076	883	732	668
DEFL mm	1	6	23	41	62	86	112	138	151
QPL kg	2234	2098	2347	1723	1339	1076	883	732	668
DEFL mm	1	6	22	38	57	80	104	128	140

Connection: Fork End. Fixings: TP or GP pins & R3 Clips



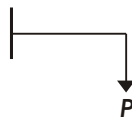
Load capacities for the truss for the following orientation and support condition

Span (metres)	2	4	6	8	10	12	14	16	17
UDL kg	3458	3437	3415	2524	1980	1610	1340	1132	1045
DEFL mm	1	7	24	42	64	91	120	151	167
CPL kg	3458	2567	1675	1219	936	740	595	480	431
DEFL mm	1	9	19	32	49	67	85	102	110
TPL kg	3458	3437	2545	1871	1458	1175	967	806	738
DEFL mm	1	10	24	42	65	90	118	146	161
QPL kg	3458	3437	2545	1871	1458	1175	967	806	738
DEFL mm	1	9	23	39	60	84	109	136	149

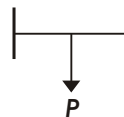
Connection: Fork End. Fixings: TP or GP pins & R3 Clips

Span (metres)		3
UDL	kg	840
DEFL	mm	8
CPL	kg	840
DEFL	mm	7
EPL	kg	415
DEFL	mm	14

Point Load (Edge)



Point Load (Central)



- All loads are given in Kilograms
- Allowance has been made for self-weight of truss
- 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.

Slick Lite Truss GS Truss



Material Specifications

Main Cord:	48.4mm x 4.47 mm
Braces:	25.44mm x 3.25mm
Material Specifications:	EN AW-6082 T6
Fixings:	Fork End : TP or GP pins & R3 Clips

Accessories

Circles
Hinges and Swivels
Bespoke Lengths
Ladder Sections

Item Codes, Weights and Dimensions

1G1	GS Truss 1ft Section	390mm x 347mm x 347mm	8 kg
1G2	GS Truss 2ft Section	666mm x 347mm x 347mm	9.5 kg
1G4	GS Truss 4ft Section	1243mm x 347mm x 347mm	14.5 kg
1G6	GS Truss 6ft Section	1820mm x 347mm x 347mm	20 kg
1G8	GS Truss 8ft Section	2400mm x 347mm x 347mm	25 kg
1G050	GS Truss 0.5mt Section	500mm x 347mm x 347mm	10 kg
1G100	GS Truss 1mt Section	1000mm x 347mm x 347mm	13.5 kg
1G200	GS Truss 2mt Section	2000mm x 347mm x 347mm	21.5 kg
1G300	GS Truss 3mt Section	3000mm x 347mm x 347mm	30 kg
1G400	GS Truss 4mt Section	4000mm x 347mm x 347mm	38 kg
1G4W	GS Truss 4 way Corner Section	447mm x 447mm x 447mm	12 kg

Design Specification

Manufactured in accordance with

BS EN 1090-3:2008 : Technical Requirements for aluminium structures

EN ISO 9001:2008 : Quality management systems

BS EN 1999 Pt 1-1 : Design of Aluminium Structures, General structural rules

EN 17115 : Entertainment Technology – Specification for design and manufacture of aluminium and steel trusses.

Slick Lite Truss GS Truss

