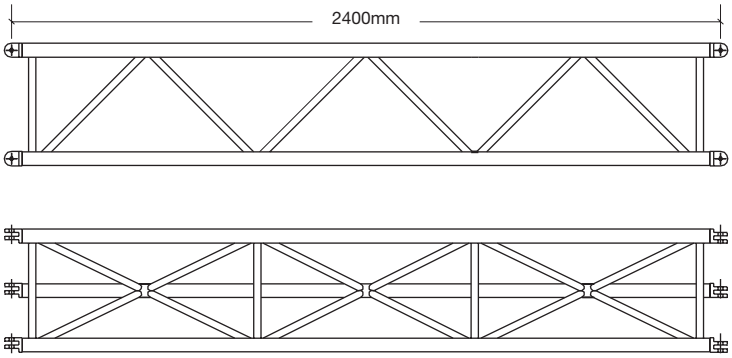
Technical Specification Sheet

380 TRI-TRUSS

Truss Self Weight:
18kg/2400 Unit



Fabrication Details

Chord Material:	48.4 x 4.4 Tube
Web Diag. Material:	25.0 x 3.0 Tube
Material Specification:	6061-T6
Truss COnnectors:	Off-set clevis
Material Specification:	6351-T651
Clevis Fixing:	2 x 10mm tension pins
Truss Pin:	M12/Gr 8.8
Design Standard:	Aluminium Structures Code As 1664
Welding Standards:	AS1665:1992 BSEN 288-4:1992

General Notes/Loading & Deflection

Combined loads (UDL & CPL) and other Load/ Span applications - Contact ShowQuip

Loading figures do not include reductions for synamic loads

The deflection data is theretical (based on truss stiffness) and does not account for take-up or wear of truss connectors.

Loading and Deflection data is intended for guidance purposes only Showquip Ltd does not accept any liability for user error or omission

IF IN DOUBT - ASK

Applied Static Loading and Deflection Data

Span	Uniform Distributed Load	Uniform Distributed Load	Deflection at Mid Span	Central Point Load	Deflection at Mid Span
Distance Between Pick Points					
Span (m)	Total UDL (kg)	Total UDL (kg/m)	Total UDL (mm)	Total UDL (kg)	Total UDL (mm)
4.8	2000	417	11	1000	9
6.0	1690	282	19	850	15
7.2	1410	196	27	705	22
8.4	1205	144	37	605	30
9.6	1055	110	50	525	40
10.8	935	87	64	465	52
12.0	785	65	75	420	66
13.2	620	47	83	380	82
14.4	495	34	90	310	90
15.6	395	25	98	245	97
16.8	310	19	105	195	105
18.0	245	14	112	155	113

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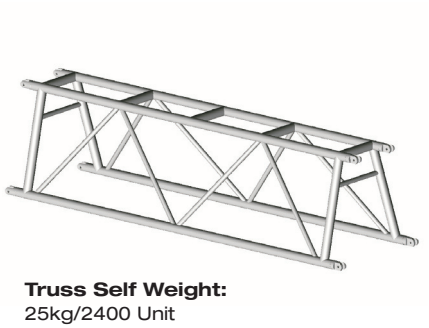
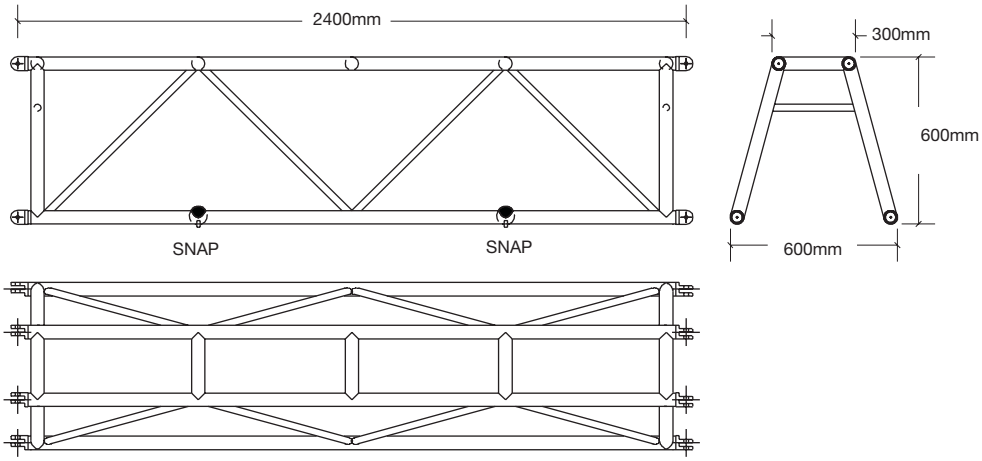
Ph: (64) (3) 9823113, PO Box 10078, Christchurch, New Zealand

Technical Specification Sheet

Stacking Truss



Truss Self Weight:
25kg/2400 Unit



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IF IN DOUBT - ASK

Applied Static Loading and Deflection Data

Span	Uniform Distributed Load	Uniform Distributed Load	Deflection at Mid Span	Central Point Load	Deflection at Mid Span
Distance Between Pick Points					
Span (m)	Total UDL (kg)	Total UDL (kg/m)	Total UDL (mm)	Total UDL (kg)	Total UDL (mm)
4.8	4000	830	5	2000	4
6.0	4000	665	10	2000	8
7.2	3615	500	16	1810	13
8.4	3100	370	22	1550	17
9.6	2710	280	29	1355	23
10.8	2410	220	36	1200	29
12.0	2170	180	45	1080	37
13.2	1970	150	56	985	45
14.4	1800	125	67	900	54
15.6	1660	106	79	820	65
16.8	1545	92	93	770	77
18.0	1440	80	109	720	89

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