

## HEAVY DUTY FLAT TRUSS 300MM CENTRES

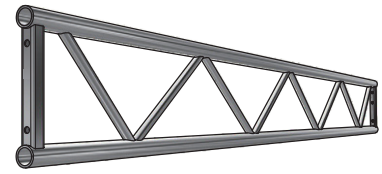
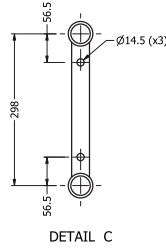
PART No. TR94

### PARTS LIST

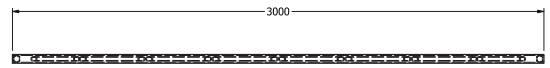
Chords	48.4 x 4.47mm CHS
Webs	25 x 3mm CHS
End Joining Braces	32 x 32x 6mm CHS
Note:	
1. All tubes from Aluminium Alloy 6061 T6	
2. Weld Material 5356	

### JOINING KIT

2 x Alloy Truss Pin 230 x 43 x 3mm CHS	
2 x High Tensile Machine Bolt 4" x 1/2" UNC grade 8.8 Zinc Plated	
4 x Washers High Tensile 26 x 13.8 x 3mm grade F436	
2 x Zinc Plated 1/2" UNC Wingnuts	
Note:	
1. Pin from Aluminium Alloy 6061 T6	
2. Thread should be kept lubricated	
3. Spring Washer or Nyloc Nut should be used if truss is subject to vibration	



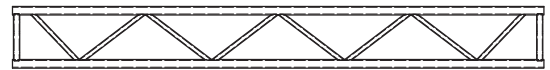
PERSPECTIVE VIEW



TOP VIEW



END VIEW



FRONT VIEW

### ALLOWABLE LOADING - FIXED ENDS

SPAN	Uniformly Distributed Load		Centre Point Load		Single Load Third Points	Single Load Forth Points	SPAN
	UDL	DEFLECTION	CPL	DEFLECTION	Load per Point	Load per Point	
m	kg/m	mm	kgs	mm	kgs	kgs	total weight
2	900	1	900	1	720	480	10kg
3	194	1	291	1	218	145	15kg
4	58	1	117	1	88	58	20kg
5	21	1	54	1	40	27	25kg
6	8	1	25	1	18	12	30kg

### LOAD TABLE GUIDELINES

- \*Loading figures are only valid for static loads.
- \*Loading figures are only valid for single spans with fixed supports at both ends.
- \*All static systems, other than single spans, need an individual structural calculation. Please contact a structural engineer or call CLSA for further assistance.
- \*Loading figures are calculated according to and in full compliance with Australian Standards.
- \*The self-weight of the trusses is already taken into account
- \*Loading figures are only valid for the cross sectional orientation of the truss as shown by the icon in the loading table.
- \*The interaction between bending moment and shear force at the connection point is already taken into account.
- \*Truss spans can be assembled from different truss lengths.
- \*CLSA recommends a 15% deduction on allowable loadings for repetitive use truss.