

HEAVY DUTY FLAT TRUSS 300MM CENTRES

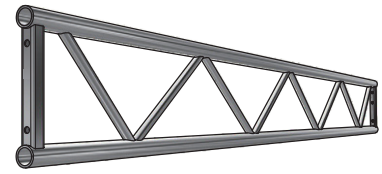
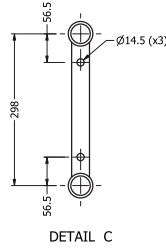
PART No. TR94

PARTS LIST

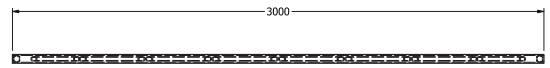
Chords	48.4 x 4.47mm CHS
Webs	25 x 3mm CHS
End Joining Braces	32 x 32x 6mm CHS
Note:	
1. All tubes from Aluminium Alloy 6061 T6	
2. Weld Material 5356	

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	



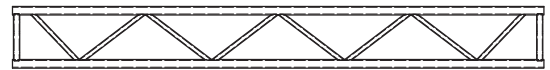
PERSPECTIVE VIEW



TOP VIEW



END VIEW



FRONT VIEW

ALLOWABLE LOADING -SLING RIGGING ENDS

SPAN	MAXIMUM ALLOWABLE POINT LOADS							SPAN
	UDL	DEFLECTION	CPL	DEFLECTION	TPL	QPL	total weight	
m	kg/m	mm	kgs	mm	kgs	kgs		
2	248	0	248	0	186	124	10kg	
3	46	0	68	0	51	34	15kg	
4	11.5	0	23.5	0	17	11.5	20kg	
5	2	0	6	0	4.5	3	25kg	
6	N/A							

LOAD TABLE GUIDELINES

- *Loading figures are only valid for static loads.
- *Loading figures are only valid for single spans with sling rigging 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.