

## FLAT TRUSS 300MM CENTRES

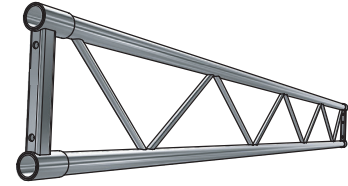
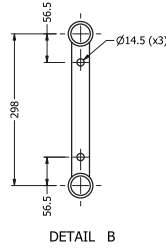
PART No. TR109

### PARTS LIST

Chords	50 x 3mm CHS
End Sleeves	57.2 x 75 x 3.6mm CHS
Webs	19 x 3mm CHS
End Joining Braces	32 x 32 x 6mm CHS

**Note:**

1. All tubes from Aluminium Alloy 6061 T6
2. Weld Material 5356



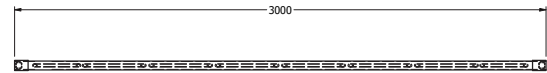
PERSPECTIVE VIEW

### 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:**

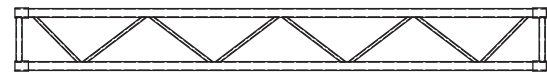
1. Pin from Aluminium Alloy 6061 T6
2. Thread should be kept lubricated
3. Spring Washer or Nyloc Nut should be used if truss is subject to vibration



TOP VIEW



END VIEW



FRONT VIEW

### ALLOWABLE LOADING - SLINGS RIGGING ENDS

SPAN	MAXIMUM ALLOWABLE POINT LOADS							SPAN
	Uniformly Distributed Load		Centre Point Load		Single Load Third Points Load per Point	Single Load Forth Points Load per Point	total weight	
m	UDL kg/m	DEFLECTION mm	CPL kgs	DEFLECTION mm	TPL kgs	QPL kgs		
2	201	0	201	0	151	101	9kg	
3	37	0	55	0	41	27	13.5kg	
4	9	0	18	0	13	9	18kg	
5	1.5	0	4	0	3	2	22.5kg	
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.