

BABY BOX TRUSS 144MM CENTRES

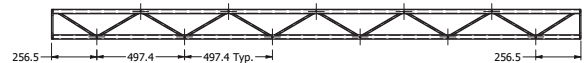
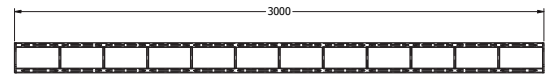
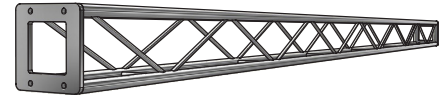
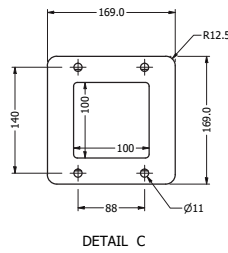
PART No. TR155

PARTS LIST

Chords	25 x 3mm CHS
Webs	10mm Round Bar
End Joining Plates	168.5 x 168.5 x 8mm
Note:	
1. All tubes from Aluminium Alloy 6061 T6	
2. Weld Material 5356	

JOINING KIT

4 x M10 x 25 High Tensile Hex Head Screws Zinc Plated	
8 x Flat Washers 30 x 10 x 1.6 Zinc Plated	
4 x M10 Hex Nut Zinc Plated	
Note:	
1. Pin from Aluminium Alloy 6061 T6	



ALLOWABLE LOADING

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		
3 (no join)	245	10	358	8	264	185	9	
3 (with join)	100	5	150	4	112	75	9	
4	55	8	110	7	82	55	12	
5	34	12	85	11	64	43	15	
6	23	18	68	15	51	34	18	
7	16	26	55	21	42	28	21	
8	11	32	46	28	34	23	24	
9	8	44	38	36	28	19	27	

LOAD TABLE GUIDELINES

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