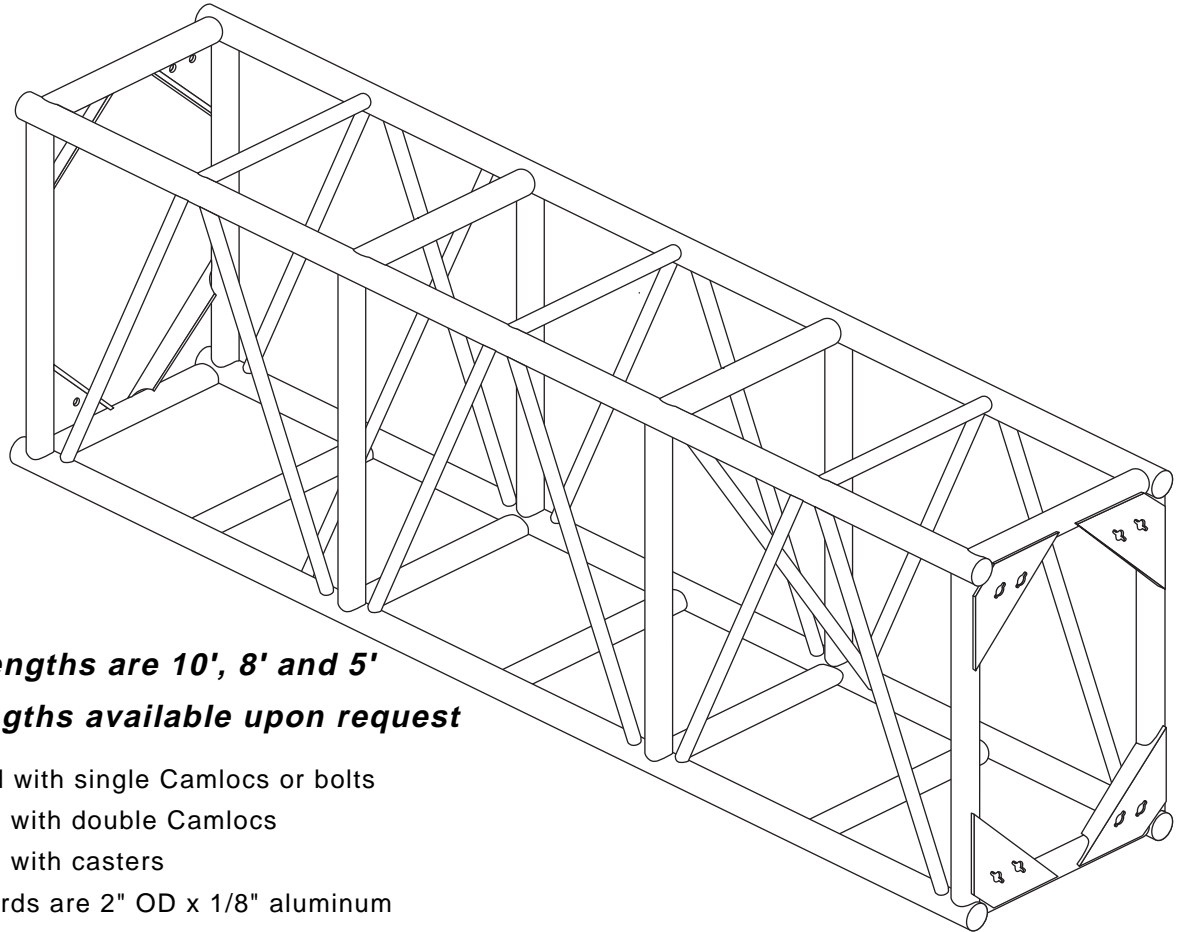
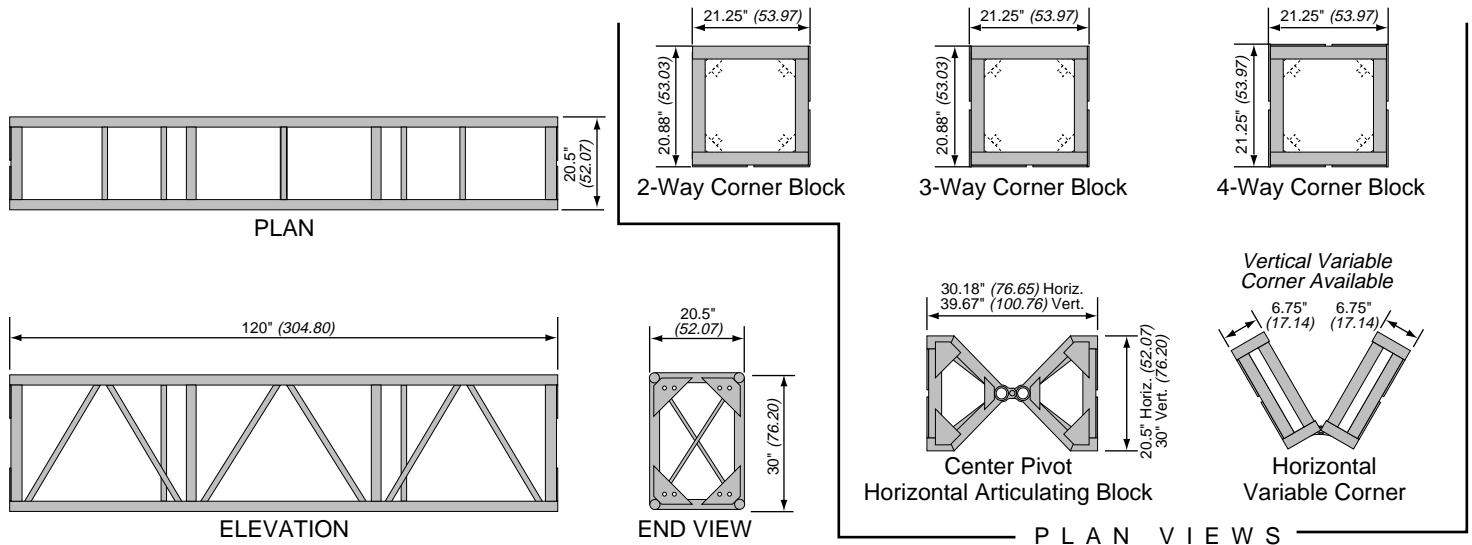


HEAVY DUTY  
TRUSS  
30" x 20.5" PLATED



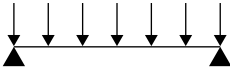
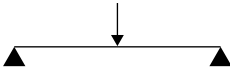
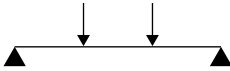
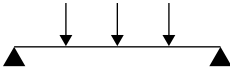
- \* **Standard lengths are 10', 8' and 5'**
- \* **Custom lengths available upon request**

- Equipped with single Camlocs or bolts
- Available with double Camlocs
- Available with casters
- Main chords are 2" OD x 1/8" aluminum
- Diagonals are 1" OD x 1/8" aluminum
- Fabricated by certified welders



# ALLOWABLE LOAD DATA

## HEAVY DUTY TRUSS 30" x 20.5" PLATED

MAXIMUM ALLOWABLE UNIFORM LOADS				MAXIMUM ALLOWABLE POINT LOADS					
				CENTER POINT		THIRD POINT		QUARTER POINT	
									
Span ft. (mtrs)	Load #/ft.	Load lbs (kgs)	Max Defl. in.	Load lbs (kgs)	Max Defl. in.	Load lbs (kgs)	Max Defl. in.	Load lbs (kgs)	Max Defl. in.
<i>Single Camloc through 3/8" gusset plates</i>									
10 (3.04)	584	5840 (2649)	0.02	5249 (2381)	0.03	2920 (1325)	0.03	1947 (883)	0.03
20 (6.09)	255	5100 (2313)	0.16	2550 (1157)	0.13	1913 (868)	0.17	1275 (578)	0.16
30 (9.14)	107	3210 (1456)	0.37	1618 (734)	0.30	1213 (550)	0.38	809 (367)	0.35
40 (12.21)	56	2240 (1016)	0.66	1126 (511)	0.55	845 (383)	0.67	563 (255)	0.63
50 (15.24)	32	1600 (726)	1.02	812 (368)	0.87	609 (276)	1.05	406 (184)	0.99
60 (18.28)	19	1140 (517)	1.46	586 (266)	1.29	439 (199)	1.51	293 (133)	1.43
<i>Two Camlocs through 3/8" gusset plates</i>									
10 (3.04)	584	5840 (2649)	0.02	5840 (2649)	0.04	2920 (1325)	0.03	1947 (883)	0.03
20 (6.09)	287	5740 (2604)	0.18	4174 (1893)	0.21	2871 (1302)	0.25	1914 (868)	0.23
30 (9.14)	180	5400 (2449)	0.60	2700 (1225)	0.48	2025 (917)	0.61	1350 (612)	0.57
40 (12.21)	96	3840 (1742)	1.05	1938 (879)	0.87	1454 (660)	1.09	969 (440)	1.02
50 (15.24)	58	2900 (1315)	1.65	1461 (663)	1.38	1096 (497)	1.69	731 (332)	1.59
60 (18.28)	37	2220 (1007)	2.36	1127 (511)	2.01	845 (383)	2.44	563 (255)	2.30
<i>5/8" diameter Grade 8 bolts with standard washers through 3/8" gusset plates</i>									
10 (3.04)	584	5840 (2649)	0.02	5840 (2649)	0.04	2920 (1325)	0.03	1947 (883)	0.03
20 (6.09)	287	5740 (2604)	0.18	3704 (1680)	0.19	2778 (1260)	0.24	1852 (840)	0.23
30 (9.14)	159	4770 (2164)	0.53	2387 (1083)	0.43	1790 (812)	0.54	1193 (541)	0.51
40 (12.21)	85	3400 (1542)	0.95	1703 (772)	0.78	1277 (579)	0.97	852 (386)	0.90
50 (15.24)	50	2500 (1134)	1.46	1273 (577)	1.23	955 (433)	1.51	637 (289)	1.42
60 (18.28)	32	1920 (871)	2.11	970 (440)	1.80	728 (330)	2.17	485 (220)	2.05

**Note: Deflections reported in the above tables are maximum expected for full loadings (indoors only). All loads are based on 10'-0" sections. Load tables are reprinted from engineering reports developed by Parkhill, Smith & Cooper, Inc., structural engineers, and apply to truss fabricated after December, 1989.**

### HEAVY DUTY TRUSS 30" x 20.5" PLATED

End plates equipped for double sets of bolts or Camlocs, supplied with one set only

Product Description	Item Code	Weight lbs (kgs)
5' HEAVY DUTY TRUSS	Bolt TRS 3020-060B Cam TRS 3020-060C	63 (28)
8' HEAVY DUTY TRUSS	Bolt TRS 3020-096B Cam TRS 3020-096C	86 (39)
10' HEAVY DUTY TRUSS	Bolt TRS 3020-120B Cam TRS 3020-120C	94 (43)
HEAVY DUTY 2-WAY CORNER	Bolt TRS 3020-C2B Cam TRS 3020-C2C	35 (16)
HEAVY DUTY 3-WAY CORNER	Bolt TRS 3020-C3B Cam TRS 3020-C3C	42 (19)
HEAVY DUTY 4-WAY CORNER	Bolt TRS 3020-C4B Cam TRS 3020-C4C	47 (21)
HD ARTICULATING BLOCK HORIZONTAL (center pivot)	Bolt TRS 3020-AHB Cam TRS 3020-AHC	67 (31)

Product Description	Item Code	Weight lbs (kgs)
HD ARTICULATING BLOCK VERTICAL (center pivot)	Bolt TRS 3020-AVB Cam TRS 3020-AVC	67 (31)
HD VARIABLE CORNER HORIZ. (book style with brace)	Bolt TRS 3020-VHB Cam TRS 3020-VHC	55 (25)
HD VARIABLE CORNER VERT. (book style with brace)	Bolt TRS 3020-VVB Cam TRS 3020-VVC	50 (23)
HD 2-WAY SLEEVE BLOCK FOR 12" TOWER*	Bolt TRS 3020-S2B Cam TRS 3020-S2C	46 (21)
HD 3-WAY SLEEVE BLOCK FOR 12" TOWER*	Bolt TRS 3020-S3B Cam TRS 3020-S3C	53 (24)
HD 4-WAY SLEEVE BLOCK FOR 12" TOWER*	Bolt TRS 3020-S4B Cam TRS 3020-S4C	59 (27)

\* Spans greater than 40' require custom sleeves for larger tower.