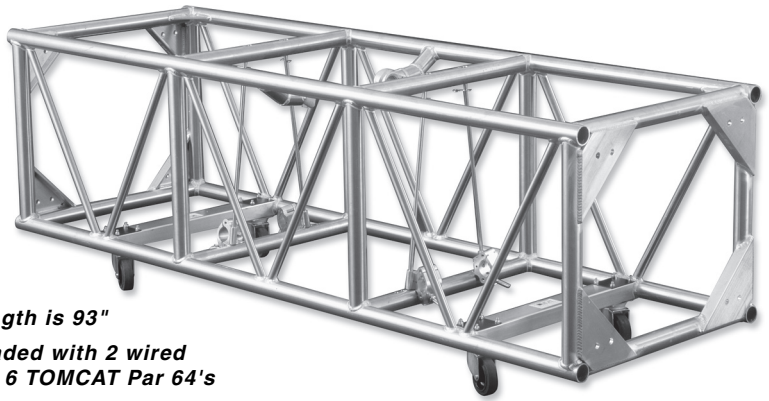
TOMCAT®

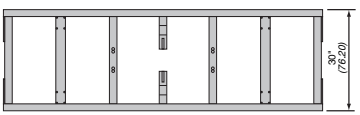
STAGING, LIGHTING AND SUPPORT SYSTEMS

DOUBLE HUNG PRE-RIG TRUSS 26" x 30" PLATED

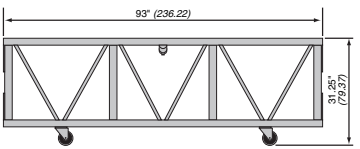


- ***Standard length is 93"***
- ***Available loaded with 2 wired lamp bars of 6 TOMCAT Par 64's***
- ***Available in 63" (4 Par) and 123" (8 Par) lengths***

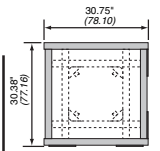
- Equipped with single Camlocs or bolts
- Available with double Camlocs
- Main chords are 2" OD x 1/8" aluminum
- Diagonals are 1" OD x 1/8" aluminum
- Fabricated by certified welders



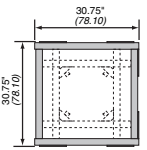
PLAN



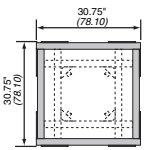
ELEVATION



2-Way Corner Block

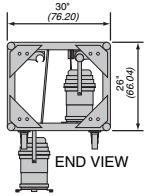


3-Way Corner Block

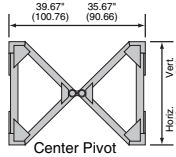


4-Way Corner Block

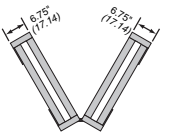
Sleeve Version



END VIEW



Center Pivot
Horizontal Articulating Block



Horizontal
Variable Corner

P L A N V I E W S

ALLOWABLE LOAD DATA

DOUBLE HUNG PRE-RIG TRUSS 26" x 30" PLATED

		MAXIMUM ALLOWABLE UNIFORM LOADS			MAXIMUM ALLOWABLE POINT LOADS					
					CENTER POINT		THIRD POINT		QUARTER POINT	
No. of Sects.	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.
Single Camloc through 3/8" gusset plates										
1	7'-9" *(2.43)*	1135	8796 *(3990)*	0.02	5735 *(2601)*	0.02	4301 *(1951)*	0.03	2867 *(1300)*	0.03
2	15'-6" *(4.72)*	363	5626 *(2552)*	0.11	2813 *(1276)*	0.09	2110 *(957)*	0.12	1407 *(638)*	0.11
3	23'-3" *(7.08)*	156	3627 *(1645)*	0.26	1815 *(823)*	0.21	1362 *(618)*	0.26	908 *(412)*	0.24
4	31'-0" *(9.44)*	83	2573 *(1167)*	0.45	1299 *(589)*	0.37	974 *(442)*	0.46	649 *(294)*	0.43
5	38'-9" *(11.80)*	50	1937 *(879)*	0.71	974 *(442)*	0.59	730 *(331)*	0.72	487 *(221)*	0.68
6	46'-6" *(14.17)*	32	1488 *(675)*	1.02	746 *(338)*	0.86	559 *(254)*	1.04	373 *(169)*	0.98
7	54'-3" *(16.52)*	21	1139 *(517)*	1.39	572 *(259)*	1.20	429 *(195)*	1.41	286 *(130)*	1.34
Two Camlocs through gusset plates										
1	7'-9" *(2.43)*	1135	8796 *(3990)*	0.02	8800 *(3992)*	0.03	4400 *(1996)*	0.03	2933 *(1330)*	0.03
2	15'-6" *(4.72)*	563	8726 *(3958)*	0.17	4582 *(2078)*	0.15	3436 *(1559)*	0.19	2291 *(1039)*	0.17
3	23'-3" *(7.08)*	257	5975 *(2710)*	0.41	2994 *(1358)*	0.33	2246 *(1019)*	0.42	1497 *(679)*	0.39
4	31'-0" *(9.44)*	140	4340 *(1969)*	0.73	2183 *(990)*	0.59	1637 *(743)*	0.75	1091 *(495)*	0.70
5	38'-9" *(11.88)*	86	3332 *(1511)*	1.14	1681 *(763)*	0.94	1261 *(572)*	1.17	841 *(381)*	1.09
6	46'-6" *(14.17)*	57	2650 *(1202)*	1.64	1335 *(606)*	1.36	1001 *(454)*	1.68	668 *(303)*	1.58
7	54'-3" *(16.52)*	39	2115 *(959)*	2.21	1077 *(489)*	1.88	808 *(367)*	2.29	539 *(244)*	2.16
5/8" diameter Grade 8 bolts with standard washers through 3/8" gusset plates										
1	7'-9" *(2.43)*	1135	8796 *(3990)*	0.02	8248 *(3741)*	0.03	4400 *(1996)*	0.03	2933 *(1330)*	0.03
2	15'-6" *(4.72)*	525	8137 *(3691)*	0.16	4070 *(1846)*	0.13	3052 *(1384)*	0.17	2035 *(923)*	0.16
3	23'-3" *(7.08)*	228	5301 *(2405)*	0.37	2653 *(1203)*	0.30	1990 *(903)*	0.38	1327 *(602)*	0.35
4	31'-0" *(9.44)*	124	3844 *(1744)*	0.65	1927 *(874)*	0.53	1445 *(655)*	0.67	963 *(437)*	0.62
5	38'-9" *(11.88)*	76	2945 *(1336)*	1.02	1477 *(670)*	0.84	1107 *(502)*	1.04	738 *(335)*	0.97
6	46'-6" *(14.17)*	50	2325 *(1055)*	1.47	1164 *(528)*	1.22	873 *(396)*	1.50	582 *(264)*	1.41
7	54'-3" *(16.52)*	34	1844 *(836)*	1.98	931 *(422)*	1.68	698 *(317)*	2.03	466 *(211)*	1.92

Note: Deflections reported in the above tables are maximum expected for full loadings (indoors only).
All loads are based on 93" sections. *Load tables are reprinted from engineering reports developed by Parkhill, Smith & Cooper, Inc., structural engineers, and apply to truss fabricated after December, 1989.*

DOUBLE HUNG PRE-RIG TRUSS 26" x 30" PLATED
End plates equipped for double sets of bolts or Camlocs, supplied with one set only

Product Description	Item Code	Weight lbs *(kgs)*
63" PRT TRUSS (EMPTY)	Bolt TRS 2630-063B Cam TRS 2630-063C	90 *(41)*
93" PRT TRUSS (EMPTY)	Bolt TRS 2630-093B Cam TRS 2630-093C	109 *(49)*
123" PRT TRUSS (EMPTY)	Bolt TRS 2630-123B Cam TRS 2630-123C	131 *(60)*
PRT 2-WAY CORNER BLOCK	Bolt TRS 2630-C2B Cam TRS 2630-C2C	40 *(18)*
PRT 3-WAY CORNER BLOCK	Bolt TRS 2630-C3B Cam TRS 2630-C3C	46 *(21)*
PRT 4-WAY CORNER BLOCK	Bolt TRS 2630-C4B Cam TRS 2630-C4C	51 *(23)*

Empty truss includes guide rods & half couplers for rigging lamp bar.

Product Description	Item Code	Weight lbs *(kgs)*
PRT ARTICULATING BLOCK HORIZ. (center pivot)	Bolt TRS 2630-AHB Cam TRS 2630-AHC	77 *(35)*
PRT ARTICULATING BLOCK VERT. (center pivot)	Bolt TRS 2630-AVB Cam TRS 2630-AVC	72 *(33)*
PRT VARIABLE CORNER HORIZ. (book style w/brace)	Bolt TRS 2630-VHB Cam TRS 2630-VHC	56 *(25)*
PRT VARIABLE CORNER VERT. (book style w/brace)	Bolt TRS 2630-VVB Cam TRS 2630-VVC	59 *(27)*
PRT 2-WAY SLEEVE FOR 12" TOWER	Bolt TRS 2630-S2B Cam TRS 2630-S2C	73 *(33)*
PRT 3-WAY SLEEVE FOR 12" TOWER	Bolt TRS 2630-S3B Cam TRS 2630-S3C	79 *(36)*
PRT 4-WAY SLEEVE FOR 12" TOWER	Bolt TRS 2630-S4B Cam TRS 2630-S4C	84 *(38)*

DOUBLE HUNG PRE-RIG TRUSS (Loaded)
26" x 30" PLATED
Loaded truss includes guide rods, half couplers, silver PAR 64s hard-wired to bars, and multipin connector

Product Description	Item Code	Weight lbs *(kgs)*
63" PRT LOADED w/SOCAPEX (2 - 60" bars with 4 PARs)	Bolt TRS 2630-063BLS Cam TRS 2630-063CLS	160 *(72)*
63" PRT LOADED w/VEAM (2 - 60" bars with 4 PARs)	Bolt TRS 2630-063BLV Cam TRS 2630-063CLV	160 *(72)*
93" PRT LOADED w/SOCAPEX (2 - 90" bars with 6 PARs)	Bolt TRS 2630-093BLS Cam TRS 2630-093CLS	209 *(95)*
93" PRT LOADED w/VEAM (2 - 90" bars with 6 PARs)	Bolt TRS 2630-093BLV Cam TRS 2630-093CLV	209 *(95)*
123" PRT LOADED w/SOCAPEX (2 - 120" bars with 8 PARs)	Bolt TRS 2630-123BLS Cam TRS 2630-123CLS	261 *(119)*
123" PRT LOADED w/VEAM (2 - 120" bars with 8 PARs)	Bolt TRS 2630-123BLV Cam TRS 2630-123CLV	261 *(119)*

Loaded truss includes lamp bulb weight.