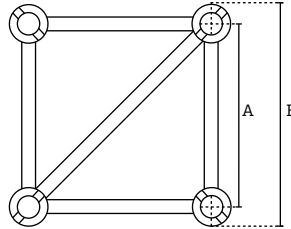


JT30 QUATRO

- High quality 50 mm (2") aluminium tubes
- Conical connectors for quick, simple and secure assembly
- Anti-twist end brace for extreme durability
- Extended free-span up to 20 m (65') and loading characteristics
- Compatible with JTCELL200 / 400 / 500 / 600 series cell clamps
- Compatible with Xtruss accessories
- Powder coat colour finish available on request



Code:			4CF30
Main Chords:	mm	in	50x2 (2"x3/32")
Diagonals:	mm	in	16x2 (5/8"x3/32")
Alloy:			EN - AW-6082 T6
A	mm	in	239 (9 7/16")
B	mm	in	289 (11 13/32")
Coupler:			CCF

Standard lengths and weights

Code	4CF30-L500	4CF30-L1000	4CF30-L1500	4CF30-L2000	4CF30-L2500	4CF30-L3000	4CF30-L4000	4CF30-L5000
m	0.50 (1' 8")	1.00 (3' 3")	1.50 (4' 11")	2.00 (6' 7")	2.50 (8' 2")	3.00 (9' 10")	4.00 (13' 1")	5.00 (16' 5")
kg	3.5 (7.72)	5.7 (12.57)	7.9 (17.42)	10.0 (22.05)	12.2 (26.90)	14.4 (31.75)	18.8 (41.45)	23.1 (50.94)

Loading chart

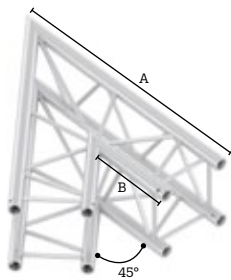
Span m	Uniformly Distributed load		Centre Point load		Third Point load		Quarter Point load		5th Point load	
	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
4	428.5	11.4	1022	10.9	703	12.8	554	14	428.5	13.8
5	341.8	22.4	841	177	593	21.2	446	22.2	356	22.5
6	253.8	34.6	712	26.1	508	31.6	373	32.3	301	33.2
7	185.1	47.2	612	36	442	44	324	44.9	259	45.7
8	140.6	61.7	537	47.7	392	58.7	281.1	58.7	227	60.3
9	110	78.1	475	60.9	349	75.2	247.5	74.4	200	76.5
10	88.1	96.5	425	75.8	314	93.9	220.3	92	180	95.4
12	59.7	139.4	347	110.8	260	138.3	179	133	149.2	140.4
14	42.5	190.3	289	152.6	219	190.6	148.7	181.9	124	191.6
16	31.4	249.4	250.8	207.1	188.1	254.1	125.4	238.9	104.5	251.1

Span ft	Uniformly Distributed load		Centre Point load		Third Point load		Quarter Point load		5th Point load	
	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
13' 1"	287.94	7/16"	686.75	27/64"	472.39	1/2"	372.27	35/64"	287.94	17/32"
16' 5"	229.68	7/8"	565.12	11/16"	398.47	53/64"	299.70	55/64"	239.22	7/8"
19' 8"	170.54	1 23/64"	478.44	1 1/64"	341.36	1 15/64"	250.64	1 17/64"	202.26	1 19/64"
22' 12"	124.38	1 27/32"	411.24	1 13/32"	297.01	1 23/32"	217.72	1 49/64"	174.04	1 51/64"
26' 3"	94.48	2 27/64"	360.84	1 7/8"	263.41	2 19/64"	188.89	2 19/64"	152.54	2 23/64"
29' 6"	73.92	3 1/16"	319.18	2 25/64"	234.51	2 61/64"	166.31	2 59/64"	134.39	3"
32' 10"	59.20	3 51/64"	285.58	2 31/32"	211.00	3 11/16"	148.03	3 39/64"	120.95	3 3/4"
39' 4"	40.12	5 31/64"	233.17	4 23/64"	174.71	5 7/16"	120.28	5 15/64"	100.26	5 33/64"
45' 11"	28.56	7 31/64"	194.20	6"	147.16	7 1/2"	99.92	7 5/32"	83.32	7 17/32"
52' 6"	21.10	9 13/16"	168.53	8 9/64"	126.40	10"	84.26	9 25/64"	70.22	9 7/8"

TRIO figures are based on use in apex up/down orientation

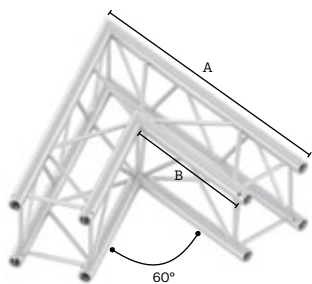
All truss loading calculations and TUV certifications are based on:

Truss supported or suspended at both ends • Static loadings only • Loads applied in the node points • Self-weight of the truss included • Spans made of different truss lengths • Interaction of bending moment and shear force at connector is considered • Structural calculations are based on EN 1991, EN 1993 and EN 1999 • All loading data should be multiplied by 0.85 to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2 / prEN 17115 • For any other application, or in case of an assembled structure contact JTE or a structural engineer • Included safety factors: self-weight 1.35 / loading 1.50



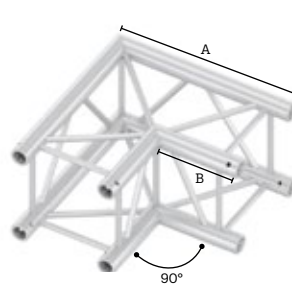
2 way corner 45°

Code	kg	lbs	mm	in
4CF30-J19	7.3	(16.10)	A 1000	(39 23/64")
			B 300	(11 51/64")



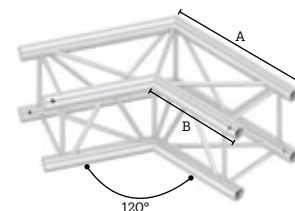
2 way corner 60°

Code	kg	lbs	mm	in
4CF30-J20	7.9	(17.42)	A 1000	(39 23/64")
			B 498	(19 19/32")



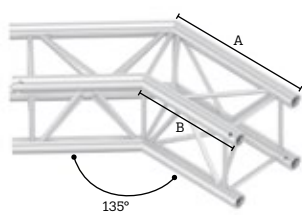
2 way corner 90°

Code	kg	lbs	mm	in
4CF30-J21	4.4	(9.70)	A 500	(19 43/64")
			B 210	(8 17/64")



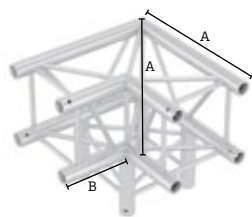
2 way corner 120°

Code	kg	lbs	mm	in
4CF30-J22	4.9	(10.80)	A 500	(19 43/64")
			B 333	(13 7/64")



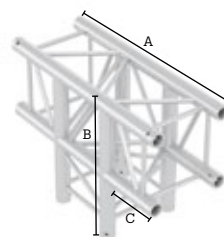
2 way corner 135°

Code	kg	lbs	mm	in
4CF30-J23	5.3	(11.69)	A 500	(19 43/64")
			B 380	(14 61/64")



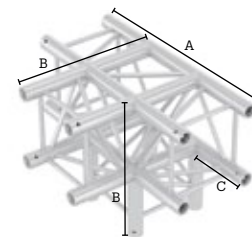
3 way corner 90°

Code	kg	lbs	mm	in
4CF30-J30	6.0	(13.23)	A 500	(19 43/64")
			B 210	(8 17/64")



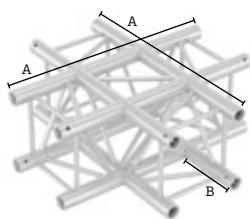
3 way T-piece

Code	kg	lbs	mm	in
4CF30-J35	6.6	(14.55)	A 710	(27 15/16")
			B 500	(19 43/64")
			C 210	(8 17/64")



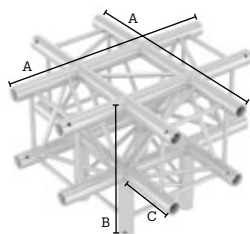
4 way T-piece leg down

Code	kg	lbs	mm	in
4CF30-J40	8.2	(18.08)	A 710	(27 15/16")
			B 500	(19 43/64")
			C 210	(8 17/64")



4 way cross piece

Code	kg	lbs	mm	in
4CF30-J41	8.2	(18.08)	A 710	(27 15/16")
			B 210	(8 17/64")



5 way cross leg down

Code	kg	lbs	mm	in
4CF30-J51	9.8	(21.61)	A 710	(27 15/16")
			B 500	(19 43/64")
			C 210	(8 17/64")