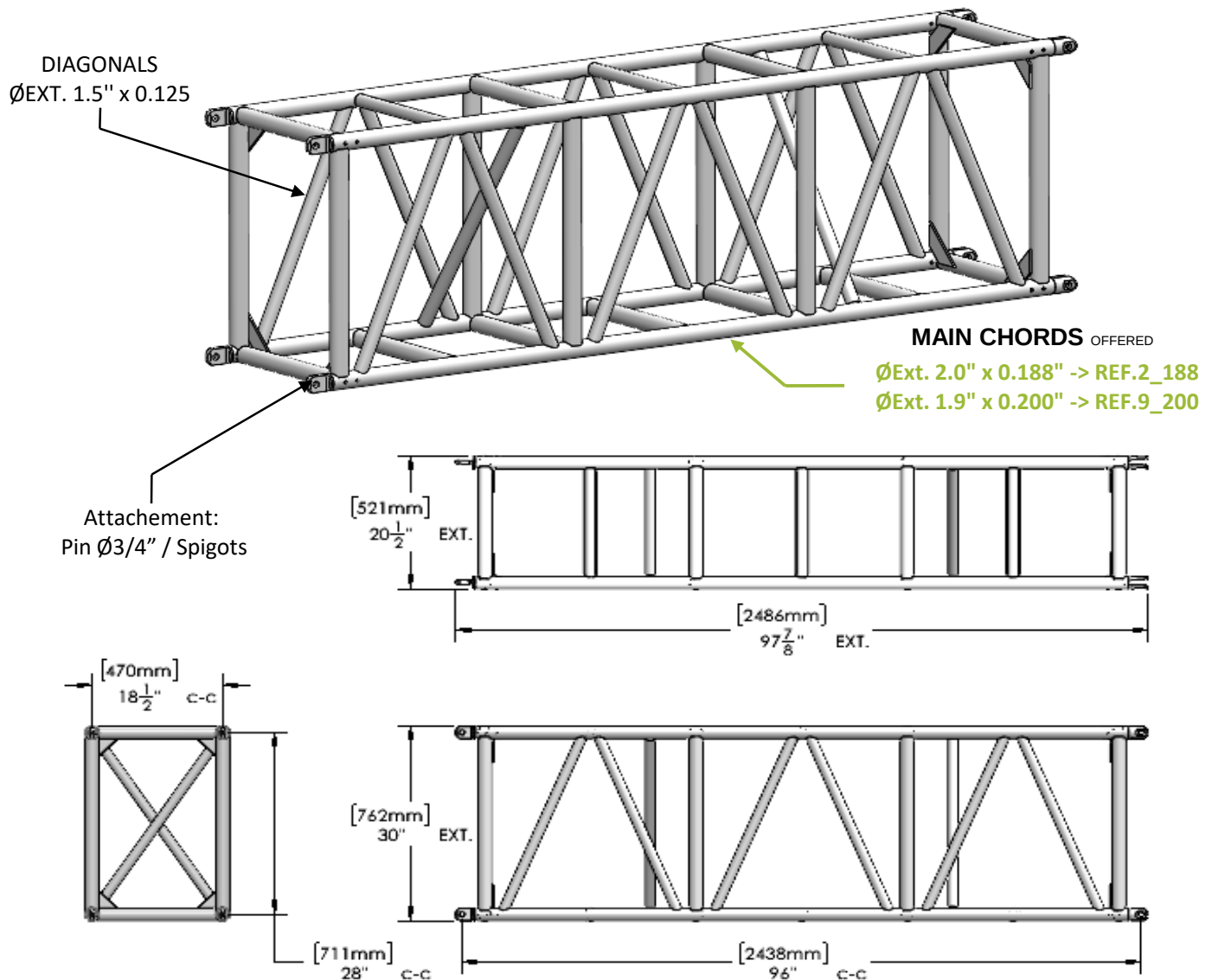




MAIN CHORDS Ø2.0 x 0.188

SIZES

MAIN CHORDS Ø1.9 x .200

WEIGHT Lbs (kg)	ITEMS REFERENCES	Length	ITEMS REFERENCES	WEIGHT Lbs (kg)
65 (29)	TIE- 3020 -048 F.2_188	<- 48" ->	TIE- 3020 -048 F.9_200	65 (29)
83 (38)	TIE- 3020 -060 F.2_188	<- 60" ->	TIE- 3020 -060 F.9_200	83 (38)
112 (51)	TIE- 3020 -096 F.2_188	<- 96" ->	TIE- 3020 -096 F.9_200	112 (51)
123 (56)	TIE- 3020 -120 F.2_188	<- 120" ->	TIE- 3020 -120 F.9_200	123 (56)

Other sizes also available in 24" / 36" / 72" /84"

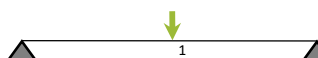
Material: Truss: 6061-T6 / Spigots: C12L14 / Pin: Stressproof 1144

ALL OUR TRUSSES ARE MANUFACTURED BY CERTIFIED WELDERS

Tel : 514-400-3336

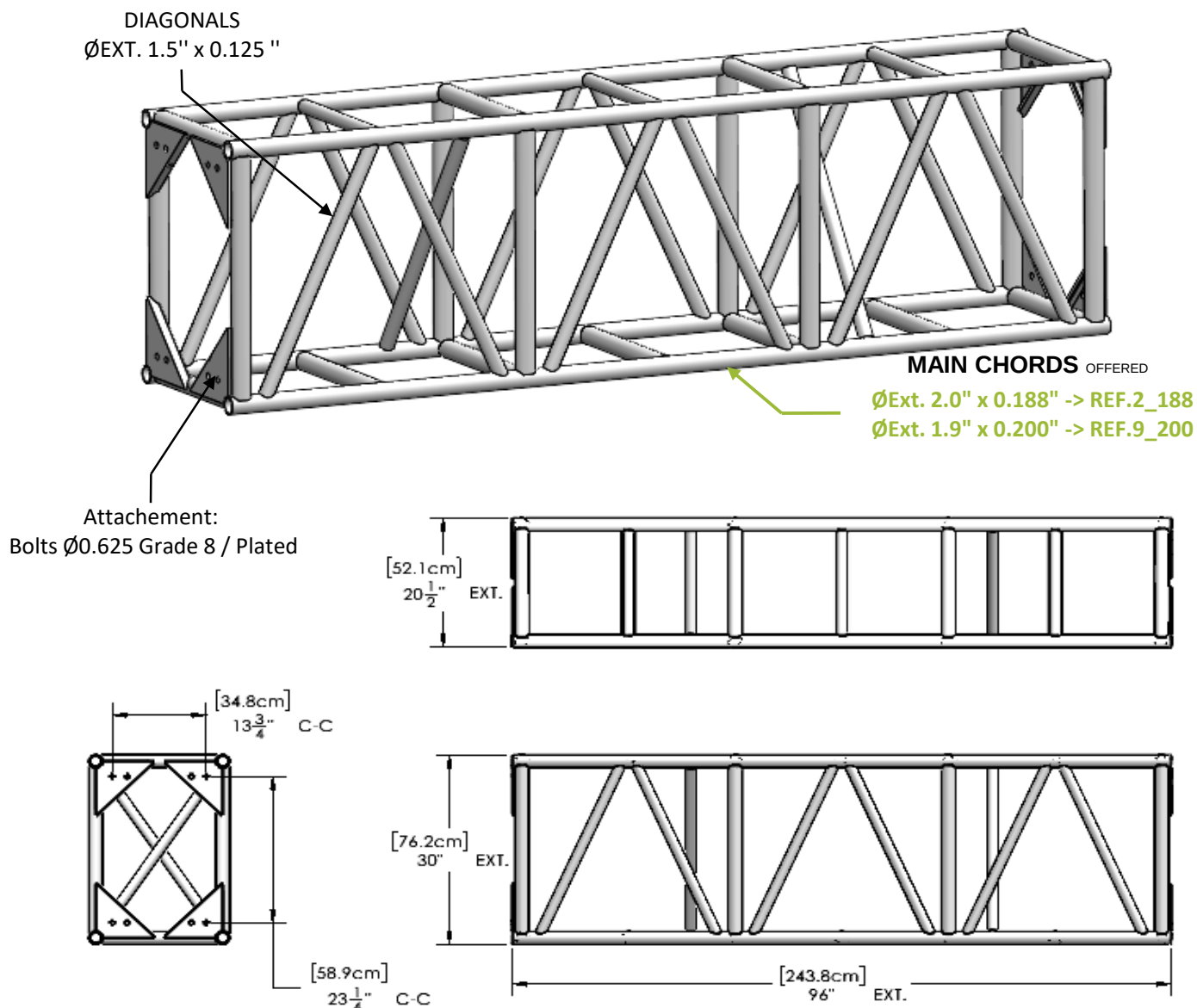
info@therioinnovation.com

ALLOWABLE LOAD TABLE :

Span length	Uniformly Distributed Load					Center point			Third point			Quarter point		
														
	Load Capacity				Deflection	Load Capacity		Deflection	Load Capacity		Deflection	Load Capacity		Deflection
ft (m)	lb/ft (kg/m)	lb (kg)	lb (kg)	lb (kg)	in (mm)	lb (kg)	(kg)	in (mm)	lb (kg)	(kg)	in (mm)	lb (kg)	(kg)	in (mm)
8 (2.44)	1594 (2372)	12751 (5784)			0.02 (0.4)	12751 (5784)		0.03 (0.7)	6389 (2898)		0.02 (0.6)	4260 (1932)		0.02 (0.6)
10 (3.05)	1178 (1754)	11784 (5345)			0.03 (0.8)	11785 (5345)		0.05 (1.3)	5912 (2682)		0.04 (1.1)	3942 (1788)		0.04 (1)
16 (4.88)	725 (1079)	11596 (5260)			0.13 (3.2)	8378 (3800)		0.15 (3.7)	5849 (2653)		0.17 (4.4)	3899 (1769)		0.16 (4.1)
20 (6.1)	571 (850)	11425 (5182)			0.24 (6.2)	6652 (3017)		0.23 (5.8)	4989 (2263)		0.29 (7.3)	3326 (1509)		0.27 (6.8)
24 (7.32)	458 (681)	10983 (4982)			0.41 (10.4)	5492 (2491)		0.33 (8.3)	4119 (1868)		0.42 (10.6)	2746 (1245)		0.39 (9.8)
30 (9.14)	288 (428)	8635 (3917)			0.64 (16.2)	4318 (1958)		0.52 (13.1)	3238 (1469)		0.65 (16.5)	2159 (979)		0.61 (15.4)
32 (9.75)	251 (374)	8041 (3647)			0.72 (18.4)	4020 (1824)		0.59 (14.9)	3015 (1368)		0.74 (18.8)	2010 (912)		0.69 (17.5)
40 (12.19)	156 (232)	6231 (2826)			1.13 (28.8)	3115 (1413)		0.92 (23.5)	2336 (1060)		1.16 (29.3)	1558 (707)		1.08 (27.4)
48 (14.63)	104 (155)	4986 (2262)			1.63 (41.4)	2493 (1131)		1.34 (34.1)	1870 (848)		1.66 (42.2)	1247 (565)		1.56 (39.6)
50 (15.24)	95 (141)	4732 (2146)			1.77 (44.9)	2366 (1073)		1.46 (37.1)	1774 (805)		1.80 (45.8)	1183 (537)		1.69 (43)
Load per applied point														

NOTES :

- Capacities shown in this table are valid for structures manufactured after January 2020.
- Trusses must be loaded uniformly on both sides of their longitudinal axis.
- Loads must be applied to or as close as possible to the nodes of the trusses.
- Deflection of truss is theoretical and based solely on their rigidity.
It therefore does not take into account of the possible movement between the truss sections due to the tolerance of the pins/bolts.
- Datas are valid for indoor use only.
- Trusses are hung from the top chord only.
- Data are valid only for static loads and span, with two support points (one at each end).
If dynamic loads or more attachment points are needed, **contact Therio Innovation.**



MAIN CHORDS Ø2.0 x 0.188

SIZES

MAIN CHORDS Ø1.9 x .200

WEIGHT Lbs (kg)	ITEMS REFERENCES	Length	ITEMS REFERENCES	WEIGHT Lbs (kg)
58 (26)	TIE- 3020 -048 P.2_188	<- 48" ->	TIE- 3020 -048 P.9_200	58 (26)
76 (34)	TIE- 3020 -060 P.2_188	<- 60" ->	TIE- 3020 -060 P.9_200	76 (34)
106 (48)	TIE- 3020 -096 P.2_188	<- 96" ->	TIE- 3020 -096 P.9_200	106 (48)
117 (53)	TIE- 3020 -120 P.2_188	<- 120" ->	TIE- 3020 -120 P.9_200	117 (53)

Other sizes also available in 24" / 36" / 72" / 84"

Material: Truss & Plates: 6061-T6 / Bolts : Ø0.625 Grade 8

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ALLOWABLE LOAD TABLE :

		Uniformly Distributed Load 					Center point 				Third point 				Quarter point 				
Span length		Load Capacity				Deflection		Load Capacity		Deflection		Load Capacity		Deflection		Load Capacity		Deflection	
ft	(m)	lb/ft	(kg/m)	lb	(kg)	in	(mm)	lb	(kg)	in	(mm)	lb	(kg)	in	(mm)	lb	(kg)	in	(mm)
8	(2.44)	784	(1166)	6269	(2844)	0.01	(0.2)	6355	(2883)	0.01	(0.3)	3179	(1442)	0.01	(0.3)	2119	(961)	0.01	(0.3)
10	(3.05)	578	(860)	5781	(2622)	0.02	(0.4)	5879	(2667)	0.02	(0.6)	2942	(1334)	0.02	(0.5)	1961	(890)	0.02	(0.5)
16	(4.88)	354	(527)	5670	(2572)	0.06	(1.6)	5295	(2402)	0.09	(2.4)	2920	(1325)	0.09	(2.2)	1947	(883)	0.08	(2.1)
20	(6.1)	279	(416)	5587	(2534)	0.12	(3.1)	4639	(2104)	0.16	(4.1)	2841	(1289)	0.17	(4.2)	1894	(859)	0.16	(3.9)
24	(7.32)	229	(341)	5494	(2492)	0.21	(5.3)	3839	(1741)	0.23	(5.9)	2588	(1174)	0.27	(6.7)	1725	(783)	0.25	(6.3)
30	(9.14)	174	(259)	5229	(2372)	0.40	(10)	3000	(1361)	0.37	(9.3)	2244	(1018)	0.46	(11.6)	1496	(679)	0.43	(10.9)
32	(9.75)	157	(234)	5032	(2282)	0.47	(11.8)	2787	(1264)	0.42	(10.6)	2090	(948)	0.52	(13.3)	1393	(632)	0.49	(12.4)
40	(12.19)	107	(159)	4269	(1936)	0.80	(20.3)	2135	(968)	0.66	(16.7)	1601	(726)	0.82	(20.7)	1067	(484)	0.76	(19.4)
48	(14.63)	70	(104)	3364	(1526)	1.15	(29.2)	1682	(763)	0.96	(24.3)	1262	(572)	1.17	(29.8)	841	(381)	1.10	(28)
50	(15.24)	64	(95)	3178	(1441)	1.25	(31.7)	1589	(721)	1.04	(26.5)	1192	(541)	1.27	(32.3)	794	(360)	1.20	(30.4)
								Load per applied point											

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