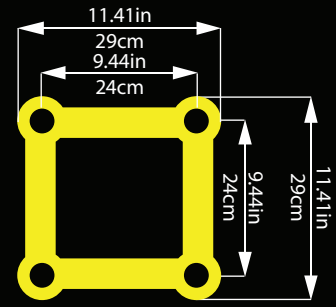
ProX
Live Performance Gear
www.ProXdirect.com

BOX TRUSS LOAD BEARING CHART

XT-SQ SERIES DIMENSIONS:
Height: 11,42in / 290mm
Width: 11,42in / 290mm
Main Tube: 2in / 50mm
Braces: .75in / 20mm
Wall thickness: 0.078in / 2mm

-TUV-certified for safety and uniformity
-Material: EN-AWT6 6082 Aluminum
-Fabricated by GSI SLV-certified welders
-ProX Truss is compatible to connect along with many other major brands that utilize the same conical connection.



span	Uniform		Deflection		Center point load		Deflection		Point load in third-point		Deflection		Point load in quarter-point		Deflection		oint load in fifth-point		Deflection	
m / ft	kg	lbs	cm	inch	kg	lbs	cm	inch	kg	lbs	cm	inch	kg	lbs	cm	inch	kg	lbs	cm	inch
1 / 3.28	5007.20	11038.97	0.0039	0.002	2010.58	4432.56	0.0000	0.000	1914.44	4220.61	0.0000	0.000	1668.92	3679.33	0.0000	0.000	1251.80	2759.74	0.0000	0.000
2 / 6.56	4998.00	11018.69	0.0039	0.002	1747.02	3851.52	0.0000	0.000	1606.44	3541.59	0.0000	0.000	1383.80	3050.75	0.0000	0.000	1249.60	2754.89	0.0000	0.000
3 / 9.84	4989.60	11000.17	0.2340	0.092	1544.18	3404.33	0.1950	0.077	1383.80	3050.75	0.3120	0.123	1145.76	2525.97	0.2340	0.092	1036.20	2284.43	0.1170	0.046
4 /13.13	4422.00	9748.83	0.4680	0.184	1383.80	3050.75	0.3120	0.123	1215.50	2679.72	0.5070	0.200	977.46	2154.93	0.3900	0.154	872.52	1923.58	0.3900	0.154
5 / 16.41	3522.20	7765.11	0.8190	0.322	1253.56	2763.62	0.3900	0.154	1083.72	2389.19	0.8190	0.322	852.50	1879.44	0.6240	0.246	730.84	1611.22	0.7020	0.276
6 / 19.68	2917.20	6431.32	1.1700	0.461	1145.76	2525.97	0.6630	0.261	977.46	2154.93	1.1700	0.461	729.74	1608.80	0.9750	0.384	605.66	1335.25	1.0140	0.399
7 / 22.97	2464.00	5432.18	1.5600	0.614	1054.90	2325.65	1.0920	0.430	890.34	1962.86	1.6380	0.645	621.28	1369.69	1.2870	0.507	515.68	1136.88	1.5210	0.599
8 / 26.25	2147.20	4733.76	2.0280	0.798	977.46	2154.93	1.5210	0.599	809..38	1784.38	2.2620	0.891	539.66	1189.75	1.5990	0.630	447.92	987.49	1.7940	0.706
9 / 29.53	1881.00	4146.89	2.5350	0.998	910.58	2007.48	2.0280	0.798	713.24	1572.42	2.7300	1.075	475.42	1048.12	2.0280	0.798	394.68	870.12	2.1450	0.844
10 / 32.81	1672.00	3686.12	3.1200	1.228	847.44	1868.28	2.5350	0.998	635.58	1401.21	3.2370	1.274	423.72	934.14	2.4960	0.983	351.78	775.54	2.4960	0.983
11 / 36.09	1500.40	3307.81	3.7050	1.459	762.08	1680.10	3.0420	1.198	571.56	1260.07	3.9390	1.551	381.04	840.05	3.0030	1.182	316.14	696.97	3.1200	1.228
12 / 39.37	1346.40	2968.30	4.3290	1.704	689.92	1521.01	3.6270	1.428	517.66	1141.24	4.6020	1.812	344.96	760.51	3.3540	1.320	286.44	631.49	3.5100	1.382
13 / 42.65	1229.80	2711.24	5.4990	2.165	628.54	1385.69	4.0950	1.612	471.46	1039.39	5.1480	2.027	314.16	692.60	4.1340	1.628	260.92	575.23	4.1340	1.628
14 / 45.93	1108.80	2444.48	6.2790	2.472	575.08	1267.83	4.6410	1.827	431.42	951.12	6.0450	2.380	287.54	633.92	4.6410	1.827	238.70	526.24	4.7580	1.873
15 / 49.21	1023.00	2255.33	7.2540	2.856	528.22	1164.52	5.3040	2.088	396.22	873.51	6.7860	2.672	264.22	582.50	5.0700	1.996	219.12	483.08	5.3040	2.088
16 / 52.49	950.40	2095.27	8.3070	3.270	486.64	1072.86	5.8890	2.319	364.98	804.64	7.5270	2.963	243.32	536.43	5.9280	2.334	201.96	445.25	6.1230	2.411
17 / 55.77	897.60	1978.87	9.5550	3.762	449.68	991.37	6.5520	2.580	337.26	743.53	8.3850	3.301	224.84	495.69	6.4740	2.549	186.56	411.29	6.9420	2.733
18 / 59.06	831.60	1833.36	10.7250	4.222	416.02	917.17	7.2150	2.841	311.96	687.75	9.2040	3.624	208.12	458.83	7.3320	2.887	172.70	380.74	7.3320	2.887

Loading figures only valid for static loads and spans with two supporting points. If dynamic loads or wind loads are involved, or more supporting points are applied, contact structural engineer.
Weight of the truss is considered in load table.