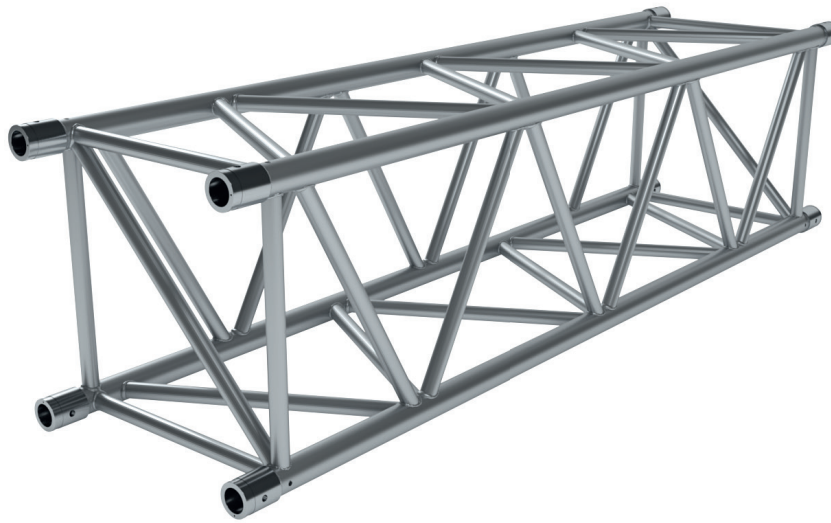




NX52 SQUARE Truss



NX52 SQUARE

The NX52 Square truss is engineered from main tubes (50 x 4 mm) and braces (25 x 3 mm).

Equipped with the NX7 conical coupling system, the NX52 truss is fast and easy to assemble.

This heavy-duty truss offers a solution for applications with high loading situations or when a larger span is required. This powerful truss type is a standard for rental companies all over the globe.

NX52 truss series also includes a box corner and accessories.

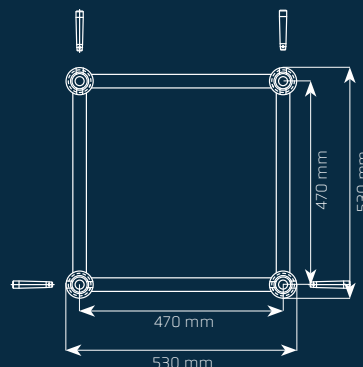
THE ESSENTIALS

- Fast and easy assembly
- High loading, low dead weight
- TÜV Approved
- Can be used as grid truss
- Cross bracing
- 4-point nodes

Technical specifications

Height	530 mm	20.87 in
Width	530 mm	20.87 in
Size Main Tube	50 x 4 mm	1.97 x 0.16 in
Size Bracing	30 x 3 mm	1.18 x 0.12 in
Weight	~13 kg/mtr	94.02 lb/ft
Pin Position	Vertical/Horizontal	
Coupling System	NX7	
Alloy	EN AW 6082 T6	

Diagram





NX52 SQUARE Truss

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
6	960.6	17.9	2392	12	1491	12.7	1109	13.2	889	13.4
8	535.5	31.9	1971	23.7	1285	26.2	985	28	812	29.3
10	338.8	49.9	1643	39.1	1105	44.6	846.9	47.5	705.7	50.3
12	231.9	72	1391.3	58.3	970	68.6	695.7	68.6	579.7	72.5
14	167.4	98.2	1172.1	79.9	861	98.3	586	93.6	488.4	98.9
16	125.6	128.5	1004.9	105.1	753.7	131.1	502.5	122.6	418.7	129.4
18	96.9	163	872.5	134	654.4	166.2	436.2	155.8	363.5	164.2
20	76.4	201.8	764.3	167	573.2	205.6	382.2	193.1	318.5	203.1
22	61.3	244.8	673.8	204	505.4	249.4	336.9	234.6	280.8	246.5

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
19.7	645	7	5273	5	3287	5	2445	5	1960	5
26.2	360	13	4345	9	2833	10	2172	11	1790	12
32.8	228	20	3622	15	2436	18	1867	19	1556	20
39.4	156	28	3067	23	2138	27	1534	27	1278	29
45.9	112	39	2584	31	1898	39	1292	37	1077	39
52.49	84	51	2215	41	1662	52	1108	48	923	51
59.05	65.1	64.2	1923.5	52.8	1442.7	65.4	961.7	61.3	801.4	64.6
65.62	51.3	79.4	1685.0	65.7	1263.7	80.9	842.6	76.0	702.2	80.0
72.18	41.2	96.4	1485.5	80.3	1114.2	98.2	742.7	92.4	619.1	97.0

- High values of distributed loads are idealized. Loads must be applied to node points!
- Full loading tables are available on request.