

TD 54



Naxpro-Truss TD 54 Truss System

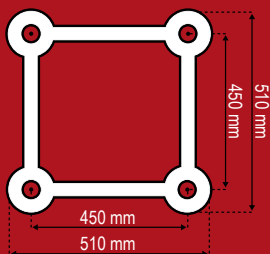
The TD 54 Tower truss system perfectly complements the ST 54 series, as it is based on the same connection system. Due to the massive 60x5mm belt tube and the 30x3mm diagonals, this system has the ideal prerequisite for creating truss supports. The ladder bracings, which are welded in on both sides, provide a comfortable climb and make assembly much easier. These features make Naxpro truss tower systems perfect for stage roofs and other truss constructions.

The system is by means of conical connection connected force fit. The connectors are included. To connect the trusses, you only need a lightweight Riggatec aluminum hammer as a tool. Special constructions and powder coatings can be realized in a short time.



Load chart

Span (m)	Distributed load	Deflection	Central single load	Deflection
m	kg/m	mm	kg	mm
1	5426,0	0,1	5426,0	0,1
2	2705,6	0,5	5411,3	0,7
3	1798,9	1,5	5396,6	2,4
4	1345,5	3,6	4890,4	5,2
5	1073,4	7,1	3899,1	8,2
6	892,1	12,2	3235,8	11,8
7	762,6	19,4	2759,9	16,1
8	600,3	26,1	2401,2	21,1
9	471,2	33,1	2120,5	26,7
10	378,9	40,9	1894,5	33,1
11	310,6	49,5	1708,3	40,1
12	258,6	59,0	1551,9	47,9
13	218,2	69,3	1418,4	56,4
14	186,1	80,5	1302,9	65,7
15	160,2	92,5	1201,8	75,7
16	139,1	105,4	1112,5	86,5
17	121,5	119,2	1032,8	98,2
18	106,8	133,8	961,2	110,6
19	94,3	149,3	896,3	123,8
20	83,7	165,7	837,2	137,9
21	74,6	183,0	783,0	152,9
22	66,6	201,2	733,0	168,8
23	59,7	220,3	686,8	185,7
24	53,7	240,3	643,8	203,4



Specifications

Width: 510 mm
 Height: 510 mm
 Tube: 60 x 5 mm
 Braces: 30 x 3 mm
 Alloy: EN-AW 6082 T6

incl. connecting set



* High uniformly distributed loads are to be understood ideally distributed. The load application has to be made in the knot. The load values are calculated using 10.9 bolts.

Errors and alteration excepted