

# HD 44



## Naxpro-Truss HD 44 Truss System

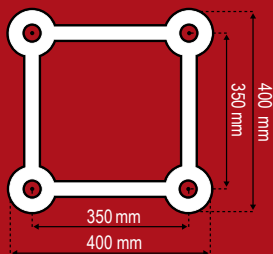
Truss system in 4-point heavy duty design, especially suitable for exhibition stand and store construction, event technology, as well as a load bearing system for lighting systems. Through the use of compact format and high-load bearing capacity this system is equally well used for simple exhibition stands and highly complex rigging structures.

Through the use of cone connectors, the system is connected actuated by adherence. The connectors are included in delivery. To connect the truss all you need in terms of tools is a small aluminium hammer. Special design constructions and powder-coating are feasible in little time.



### Load chart

| Span (m) | Distributed load | Deflection | Central single load | Deflection |
|----------|------------------|------------|---------------------|------------|
| m        | kg/m             | mm         | kg                  | mm         |
| 1,0      | 4353,7           | 0,1        | 3962,0*             | 0,2        |
| 2,0      | 2173,2           | 1,2        | 3260,0*             | 1,4        |
| 3,0      | 1446,3           | 3,9        | 2686,0*             | 3,9        |
| 4,0      | 1082,9           | 9,3        | 2257,0*             | 7,8        |
| 5,0      | 791,0            | 16,6       | 1918,0*             | 13,0       |
| 6,0      | 547,1            | 24,0       | 1641,3              | 19,3       |
| 7,0      | 400,0            | 32,7       | 1400,0              | 26,3       |
| 8,0      | 304,5            | 42,7       | 1218,1              | 34,4       |
| 9,0      | 239,1            | 54,1       | 1075,8              | 43,6       |
| 10,0     | 192,3            | 66,8       | 961,3               | 54,0       |
| 11,0     | 157,6            | 80,9       | 866,9               | 65,5       |
| 12,0     | 131,3            | 96,3       | 787,6               | 78,2       |
| 13,0     | 110,8            | 113,2      | 720,0               | 92,1       |
| 14,0     | 94,5             | 131,4      | 661,5               | 107,2      |
| 15,0     | 81,4             | 151,0      | 610,3               | 123,6      |
| 16,0     | 70,6             | 172,1      | 565,0               | 141,2      |
| 17,0     | 61,7             | 194,5      | 524,7               | 160,1      |
| 18,0     | 54,3             | 218,4      | 488,4               | 180,4      |
| 19,0     | 47,9             | 243,7      | 455,5               | 202,0      |
| 20,0     | 42,6             | 270,4      | 425,6               | 225,0      |



#### Specifications

Width: 400 mm  
 Height: 400 mm  
 Tube: 50 x 3 mm  
 Braces: 25 x 3 mm  
 Alloy: EN-AW 6082 T6

#### Incl. connecting set



\* limited by interaction with offset / decisive is the offset on the connector.  
 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