

# MyT Steroid



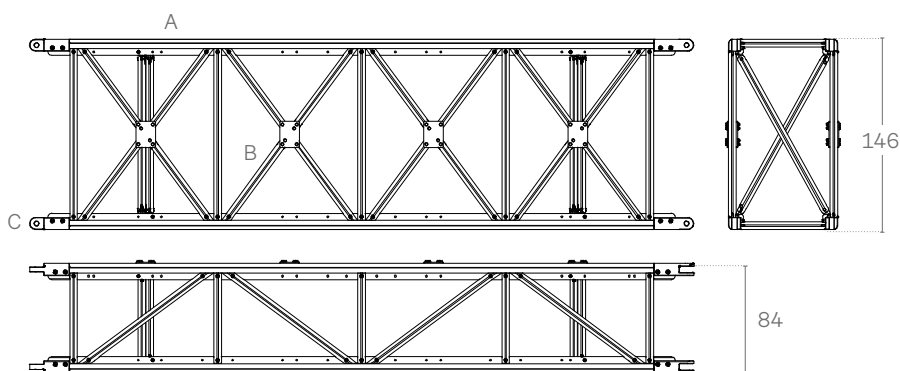
Rectangular section High Load aluminium truss with extraordinary dimensions; it is 84 cm wide, 146 cm high and 500 cm long, and weighs 430 kg. It is made in highperformance aluminium alloy EN AW-7003 T6, among the aluminium series with the best mechanical characteristics. Thanks to the double number of diagonals on the vertical faces, the Steroid version has better performances than the Regular version. The truss can be used in large installations intended for entertainment, for temporary and semi-permanent structures. At maximum load spans it undergoes virtually no bending.

Chords A  
Extruded aluminium  
EN AW-7003 T6

Diagonals B  
Extruded aluminium  
EN AW-7003 T6

Ends C  
Aluminium forks connector  
EN AW-7003 T6

Connection system  
11SMnPb37



## Linear elements

| code         | cm             | kg    |
|--------------|----------------|-------|
| TR150M-25M-A | 84 x 146 x 250 | 233.5 |
| TR150M-50M-A | 84 x 146 x 500 | 430   |
| TR150M-50M-G | 84 x 146 x 500 | 495   |

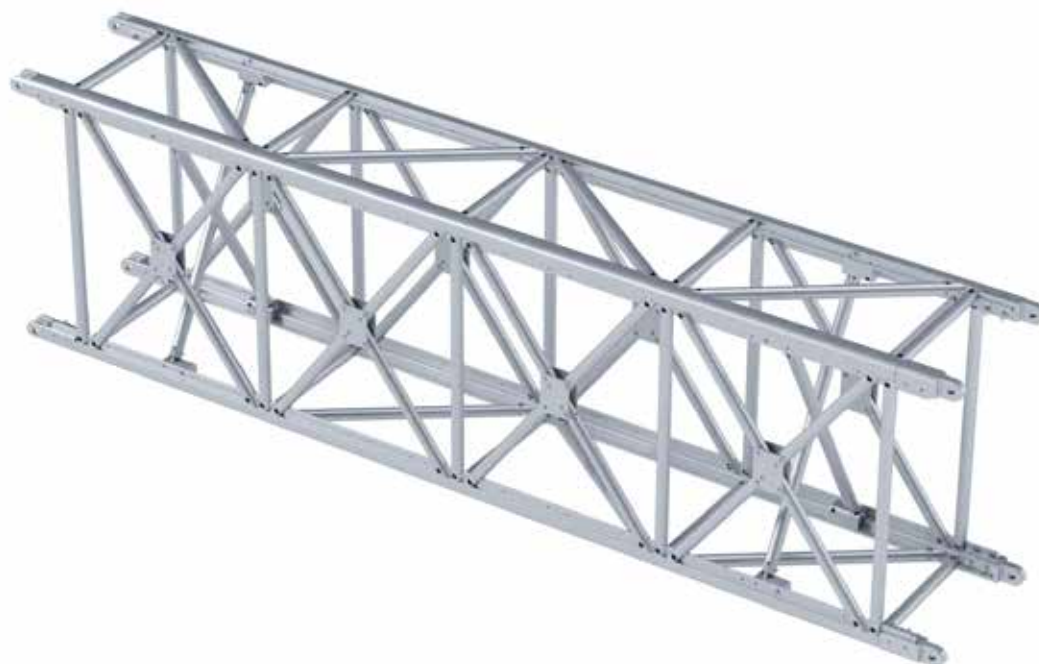
## Accessories

| code        |                      |
|-------------|----------------------|
| TR150M-A002 | 4 way connection kit |
| TR150M-A001 | Trolley Skate 2 pc   |

## Cantilever load table / Fork connection



| SPAN | Uniformly distributed load |        |    | Centre point load |    |
|------|----------------------------|--------|----|-------------------|----|
|      | m                          | kg / m | kg | mm                | mm |
| 1    | 15199                      | 7600   | 0  | 7451              | 0  |
| 2    | 4871                       | 7307   | 0  | 6906              | 0  |
| 3    | 2813                       | 7038   | 0  | 6435              | 1  |
| 4    | 1938                       | 6782   | 1  | 6025              | 2  |
| 5    | 1455                       | 6547   | 1  | 5668              | 3  |



### Load table / Fork connection

| SPAN | Unif. distributed load |           |                    | Centre point load |           |                    | Third point load |           |                    | Quarter point load |           |                    | Fifth point load |           |                    |
|------|------------------------|-----------|--------------------|-------------------|-----------|--------------------|------------------|-----------|--------------------|--------------------|-----------|--------------------|------------------|-----------|--------------------|
|      | Point load             | Full load | Central deflection | Point load        | Full load | Central deflection | Point load       | Full load | Central deflection | Point load         | Full load | Central deflection | Point load       | Full load | Central deflection |
| m    | kg/m                   | kg        | mm                 | kg                | kg        | mm                 | kg               | kg        | mm                 | kg                 | kg        | mm                 | kg               | kg        | mm                 |
| 2    | 7671                   | 15341     | 0                  | 14332             | 14332     | 0                  | 7324             | 14648     | 0                  | 4938               | 14811     | 0                  | 3729             | 14913     | 0                  |
| 4    | 3792                   | 15168     | 0                  | 13303             | 13303     | 0                  | 6929             | 13853     | 0                  | 4720               | 14159     | 0                  | 2587             | 14343     | 0                  |
| 6    | 2499                   | 14995     | 1                  | 12396             | 12396     | 1                  | 6565             | 13129     | 1                  | 4514               | 13537     | 1                  | 3451             | 13802     | 1                  |
| 8    | 1853                   | 14832     | 2                  | 11590             | 11590     | 2                  | 6228             | 12457     | 2                  | 4319               | 12956     | 2                  | 3321             | 13282     | 2                  |
| 10   | 1466                   | 14659     | 3                  | 10877             | 10877     | 4                  | 5916             | 11835     | 4                  | 4136               | 12406     | 4                  | 3197             | 12783     | 4                  |
| 12   | 1207                   | 14485     | 6                  | 10224             | 10224     | 7                  | 5626             | 11254     | 6                  | 3961               | 11886     | 6                  | 3077             | 12314     | 6                  |
| 14   | 1022                   | 14312     | 9                  | 9633              | 9633      | 10                 | 5353             | 10703     | 9                  | 3795               | 11386     | 9                  | 2962             | 11845     | 9                  |
| 16   | 884                    | 14139     | 14                 | 9093              | 9093      | 14                 | 5097             | 10194     | 14                 | 3636               | 10907     | 14                 | 2851             | 11407     | 14                 |
| 18   | 776                    | 13976     | 20                 | 8594              | 8594      | 19                 | 4855             | 9710      | 19                 | 3484               | 10459     | 19                 | 2745             | 10979     | 19                 |
| 20   | 690                    | 13802     | 27                 | 8134              | 8134      | 26                 | 4627             | 9254      | 25                 | 3339               | 10017     | 25                 | 2641             | 10571     | 25                 |
| 22   | 620                    | 13629     | 36                 | 7705              | 7705      | 33                 | 4410             | 8820      | 32                 | 3200               | 9599      | 33                 | 2541             | 10166     | 33                 |
| 24   | 561                    | 13456     | 47                 | 7305              | 7305      | 42                 | 4204             | 8408      | 41                 | 3065               | 9197      | 42                 | 2444             | 9779      | 42                 |
| 26   | 511                    | 13282     | 60                 | 6930              | 6930      | 51                 | 4007             | 8014      | 51                 | 2936               | 8808      | 52                 | 2351             | 9403      | 53                 |
| 28   | 465                    | 13007     | 74                 | 6577              | 6577      | 62                 | 3819             | 7638      | 62                 | 2811               | 8434      | 63                 | 2260             | 9038      | 64                 |
| 30   | 421                    | 12620     | 90                 | 6244              | 6244      | 75                 | 3639             | 7277      | 74                 | 2691               | 8072      | 76                 | 2170             | 8683      | 78                 |
| 32   | 382                    | 12232     | 108                | 5928              | 5928      | 89                 | 3466             | 6932      | 88                 | 2574               | 7723      | 91                 | 2085             | 8337      | 93                 |
| 34   | 338                    | 11509     | 125                | 5628              | 5628      | 104                | 3300             | 6598      | 104                | 2461               | 7382      | 107                | 2000             | 8000      | 109                |
| 36   | 294                    | 10561     | 141                | 5327              | 5327      | 120                | 3139             | 6277      | 121                | 2351               | 7053      | 124                | 1917             | 7672      | 128                |
| 38   | 255                    | 9682      | 157                | 4882              | 4882      | 135                | 2984             | 5967      | 139                | 2245               | 6733      | 144                | 1838             | 7351      | 148                |
| 40   | 222                    | 8876      | 175                | 4472              | 4472      | 151                | 2834             | 5669      | 159                | 2141               | 6421      | 165                | 1759             | 7038      | 170                |

Load table has been prepared in accordance with UNI ENV 1999-1-1 (Eurocode 9). When calculating the allowable loads it is assumed that the load is suspended from the bottom chord and the truss is supported from the top chord at each end. The values shown in the table are the allowable static loads that

can be applied to the truss. This is the live load or the payload. The self weight of the truss has been taken into account when calculating the values in the table. It should be noted that this are idealised loading conditions and the User shall re-analyze the truss for the loading conditions which prevail for the application being considered.