DNA Tower XL.04

Univers

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Product Specification

DNA Tower XL.04 raises the twirling towers of the DNA family to unparalleled heights. With a diameter of 4 meter (13 ft) and a height of 9,50 meter (31 ft), a sensational play space of 81,3 m^3 (2,871 ft^3) is thereby created, offering children even more room for climbing fun within a three-dimensional net environment. The tower's uncluttered design language, together with the see-through nature of its façade, ensure that DNA Tower XL.04 compromises nothing in elegance, despite its great size.

Berliner

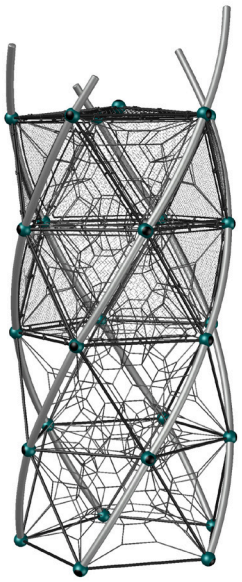
Play equipment for life

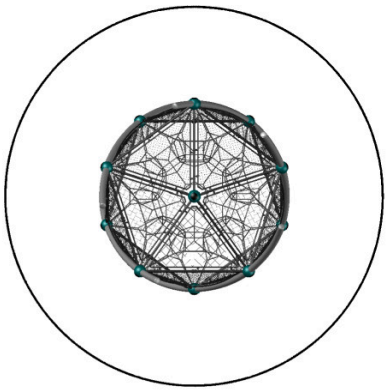
DNA Tower XL.04

90.295.026

Product Family	**Univers**
Length × Width × Height (m) Length × Width × Height ('-")	**4,0 × 4,0 × 9,5** **13-2 × 13-2 × 30-11**
Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ('-")	**7,7 × 7,7** **7,7 × 7,7** **25-1 × 25-1**
Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ('-")	**1,99** **6-7**
Age	**5**
Minimum Space required acc. to DIN EN 1176 (m^2) Minimum Space required acc. to ASTM 1487 (ft^2)	**45,0** **491,9**
Number of Foundations	**5**
Concrete Volume C20/C25 (m^3) Concrete Volume C20/C25 (ft^3)	**4,3** **152**
Number of skilled Installers required	**3**
Installation Time without Foundation	**20 hours**
Dimensions of largest Part (m) Dimensions of largest Part ('-")	**1,2 × 0,8 × 1,4** **4-0 × 2-8 × 4-6**
Weight of heaviest Part (kg) Weight of heaviest Part (lbs)	**285** **630**
Shipping Volume (m^3) Shipping Volume (ft^3)	**11,02** **390**
Total Weight (kg) Total Weight (lbs)	**2515** **5550**
Spare Part Guarantee	**Lifelong**

The dimensions of the equipment and protective surfacing area have been rounded up to one decimal digit.





Technical Data

Technical changes are reserved.
The following text can also be used for tenders.

Ropes:
U-Rope®-round strand ropes with galvanized and covered wires. External strands with non-abrasive UV-resistant Polyester-yarn (no Polypropylene), Ø 18 mm (11/16").

Posts:
Steel pipes Ø 133 mm (5 ¼"), wall thickness 5 mm (3/16") with a round cast aluminum post top. Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

Tubes:
Frameworx® steel pipes, Ø 48,3 mm (1 7/8"). Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

Spheres:
Frameworx®-aluminum ball connectors, Ø 250 mm (9-13/16"). Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process. The tensioning ball incorporates an AstemTT® net tensioning system. Securely closed with durable EPDM-caps.

Spatial Net:
Rope crossing points are localized with durable, drop forged aluminum cloverleaf rings and drop forged aluminum ballknots (no plastic connections). In situ-replaceable rope strands (no special tools required).

Safety Net Frames:
Stainless steel tube frame with Ø 26,9 mm (1 1/16") and a wallthickness of 2 mm (5/64''), filled with stainless steel safety nets made of steel rope with Ø 1,5 mm (1/16") and a mesh size of 40 x 40 mm (1 9/16" x 1 9/16"). The frame is fastened with cast aluminium clamps to the respective tubes in the main frame.