

# Univers

## DNA Tower XL.02 Product Specifications



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### DNA Tower XL.02
















Available in different sizes, the DNA Towers consist of graceful towers containing three-dimensional climbing nets stretched inside external steel skeletons. A careful combination of curved and straight metal tubing results in a spiral resembling the structure of DNA. This impression is further enhanced by chosen colour schemes, as well as the use of differing thicknesses of tubing.

The DNA Towers have been deliberately designed to give an open and unencumbered feel. Depending on the height of the tower in question, narrow mesh netting provides the necessary safety. This results in a near see-through design.

The DNA Tower XL.02 is the smallest of the XL series but he does not need to hide behind his big brothers with his volume.



## 90.295.024

 Product Family	<b>Univers</b>
 Length x Width x Height (m) Length x Width x Height ("'-")	<b>4,0 x 4,0 x 5,7</b> <b>13-1 x 13-1 x 18-9</b>
 Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ("'-")	<b>7,7 x 7,7</b> <b>7,7 x 7,7</b> <b>25-1 x 25-1</b>
 Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("'-")	<b>1,21</b> <b>6-0</b>
 Age	<b>5</b>
 Minimum Space required acc. to DIN EN 1176 (m <sup>2</sup> ) Minimum Space required acc. to ASTM 1487 (ft <sup>2</sup> )	<b>45,7</b> <b>492</b>
 Number of Foundations	<b>5</b>
 Concrete Volume C20/C25 (m <sup>3</sup> )	<b>5</b>
 Number of skilled Installers required	<b>3</b>
 Installation Time without Foundation	<b>12 hours</b>
 Dimensions of largest Part (m)	<b>On request</b>
 Weight of heaviest Part (kg)	<b>On request</b>
 Shipping Volume (m <sup>3</sup> )	<b>On request</b>
 Total Weight (kg)	<b>On request</b>
 Spare Part Guarantee	<b>Lifelong</b>

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.

#### Posts:

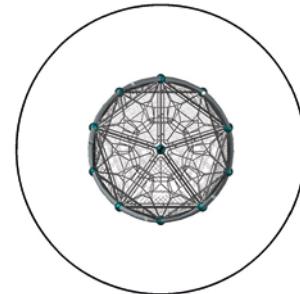
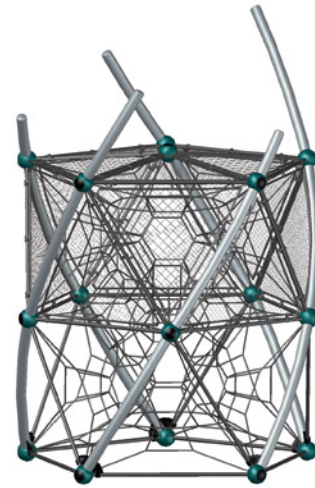
The bent steel posts with a diameter of Ø 133 mm (5 ¼") and a wall thickness of 5 mm (⅜") are thermally galvanised and powder-coated in colour using a solvent-free epoxy-polyester-process to protect against corrosion. They are also watertight sealed with rounded aluminium tops.

#### Balls:

The Frameworx® aluminium balls with a diameter of Ø 250 mm (9 13⁄16") are sandblasted and powder-coated solvent-free to protect against corrosion. In addition, they are equipped with the internal, patented AstemTT® tensioning system and securely closed with durable EPDM caps.

#### Tubes:

The Steel tubes with diameters of Ø 60,3 mm (2 ⅜") and Ø 48 mm (1 7⁄8") and wall thicknesses of 3 mm (⅛") and 10 mm (⅜") are thermally galvanised to protect against corrosion and powder-coated in colour using a solvent-free epoxy-polyester-process to protect against corrosion.



#### Ropes:

The U-Rope® with strand cores and rope core made of galvanised wires has outer strands which are covered with highly abrasion-resistant and highly UV-resistant polyester yarn (not polypropylene). The rope diameters are Ø 16 mm (⅝") and Ø 18 mm (11⁄16").

#### Spatial Net:

The net structures are fixed at the rope crossing points by durable aluminium parts such as cloverleaf ring, forged ball knot, T-connectors and barrel-ferrule (no plastic). Spatial nets are low in follow-up costs due to individually replaceable rope strands.

#### Safety Net Frames:

Stainless steel tube frame with Ø 26,9 mm (1 1⁄16") and a wall thickness of 2 mm (⅛"), filled with stainless steel safety nets made of steel rope with Ø 1,5 mm (⅛") and a mesh size of 40 x 75 mm (1 5⁄16" x 2 15⁄16"). The frame is fastened with cast aluminium clamps to the respective tubes in the main frame.