

# Univers

## Cosmo Base Product Specifications
























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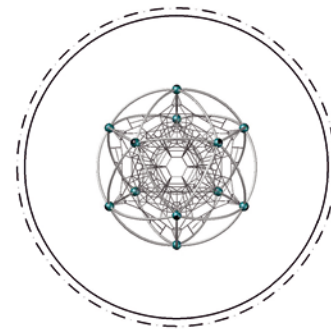
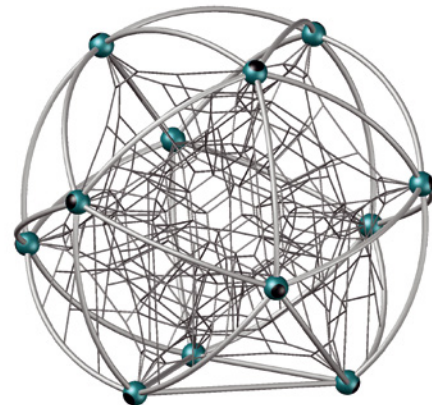
### Cosmo Base

The first totally spherical rope play structure offers exciting play options. Cosmo is a whole new round of fun in play equipment. Apart from the basic system, Cosmo stands out due to its many freely selectable add-ons and diverse play activities.

The Cosmo basic system is eye-catching. Its organic, spherical shape combines dynamics and a cool look at the same time. But it's not only the original use of shapes that stands out. The voluminous spatial net is a climbing paradise within a three-dimensional net structure.

## 90.110.120

 Product Family	<b>Univers</b>
 Length x Width x Height (m)	<b>4,3 x 4,4 x 3,8</b>
 Length x Width x Height (ft-in)	<b>13-11 x 14-3 x 12-4</b>
 Protective Surfacing Area acc. to DIN EN 1176 (m)	<b>8,5 x 8,5</b>
 Protective Surfacing Area acc. to ASTM/CSA (m)	<b>8,0 x 8,0</b>
 Protective Surfacing Area acc. to ASTM/CSA (ft-in)	<b>26-3 x 26-3</b>
 Fall Height acc. to EN 1176 (m)	<b>2,30</b>
 Fall Height acc. to ASTM/CSA (ft-in)	<b>7-7</b>
 Age	<b>5</b>
 Minimum Space required acc. to DIN EN 1176 (m <sup>2</sup> )	<b>55,5</b>
 Minimum Space required acc. to ASTM 1487 (ft <sup>2</sup> )	<b>541,4</b>
 Number of Foundations	<b>3</b>
 Concrete Volume C20/C25 (m <sup>3</sup> )	<b>0,8</b>
 Number of skilled Installers required	<b>2-3</b>
 Installation Time without Foundation	<b>6 hours</b>
 Dimensions of largest Part (m)	<b>2,0 x 0,3 x 0,1</b>
 Weight of heaviest Part (kg)	<b>20</b>
 Shipping Volume (m <sup>3</sup> )	<b>3</b>
 Total Weight (kg)	<b>On request</b>
 Spare Part Guarantee	<b>Lifelong</b>
 Certified acc. to EN 1176	<b>Z2 18 04 10256 270</b>



### Technical Data

The following text can also be used for tenders.

#### Tubes:

The bent steel tubes with a diameter of Ø 60,3 mm (2 3/8") and wall thicknesses of 2 mm (1/16") till 10 mm (3/8") are thermally galvanised to protect against corrosion and powder-coated in colour using a solvent-free epoxy-polyester-process or consist of stainless steel.

#### Balls:

The Frameworx® aluminium balls with a diameter of 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.

#### 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 diameter is Ø 16 mm (5/8").

#### 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.