

# Univers

## Cosmo S.05 Product Specifications



Published: March 2020





















### Cosmo S.05

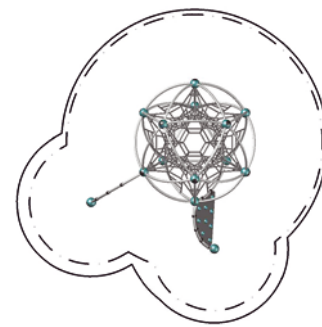
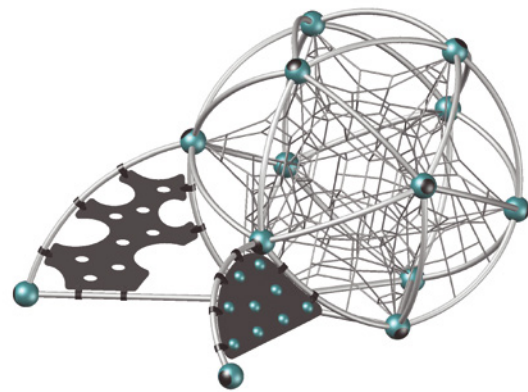
The first totally spherical rope play structure offers exciting play options. Cosmo is a whole new round of fun in play equipment. Apart from the basic system, Cosmo stands out due to its many freely selectable add-ons and diverse play activities.

With its climbing ramp and climbing wall, the Cosmo S.05 is perfectly equipped for whole groups of children who love climbing.



## 90.111.050

 Product Family	<b>Univers</b>
 Length x Width x Height (m)	<b>4,6 x 4,5 x 2,9</b>
 Length x Width x Height (ft-in)	<b>15-1 x 14-8 x 9-6</b>
 Protective Surfacing Area acc. to DIN EN 1176 (m)	<b>7,8 x 7,8</b>
 Protective Surfacing Area acc. to ASTM/CSA (m)	<b>8,3 x 8,2</b>
 Protective Surfacing Area acc. to ASTM/CSA (ft-in)	<b>27-1 x 26-11</b>
 Fall Height acc. to EN 1176 (m)	<b>1,80</b>
 Fall Height acc. to ASTM/CSA (ft-in)	<b>6-0</b>
 Age	<b>3</b>
 Minimum Space required acc. to DIN EN 1176 (m <sup>2</sup> )	<b>46,21</b>
 Minimum Space required acc. to ASTM 1487 (ft <sup>2</sup> )	<b>571,8</b>
 Number of Foundations	<b>5</b>
 Concrete Volume C20/C25 (m <sup>3</sup> )	<b>0,65</b>
 Number of skilled Installers required	<b>2-3</b>
 Installation Time without Foundation	<b>7 hours</b>
 Dimensions of largest Part (m)	<b>1,2 x 0,2 x 1,0</b>
 Weight of heaviest Part (kg)	<b>110</b>
 Shipping Volume (m <sup>3</sup> )	<b>On request</b>
 Total Weight (kg)	<b>On request</b>
 Spare Part Guarantee	<b>Lifelong</b>



### Technical Data

The following text can also be used for tenders.

#### Included Products:

- HDPE Ramp and Wall

#### 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 Framework® 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 & Planar 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.

#### HDPE Ramp and Wall:

Form milled HDPE panels with a thickness of 19 mm (3/4") and grained surface. All edges are rounded. They are fixed to the pipes with aluminium clamps and to the foundation with aluminium balls. The climbing ramp is equipped with screwed and powdercoated steel hemispheres.