

Univers

Cosmo.03 Product Specifications























Published: November 2020

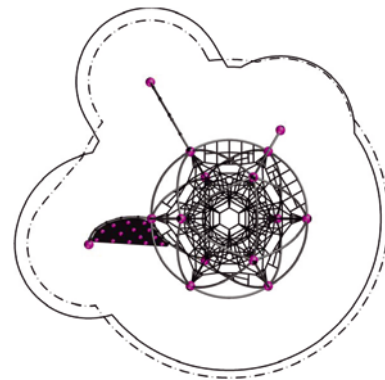
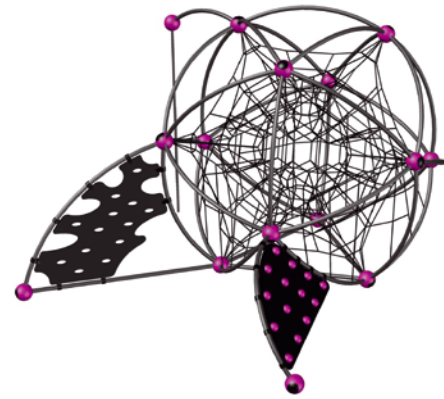
Cosmo.03

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.03 features attractive climbing elements and offers children of all ages plenty of fun and excitement.

90.112.030

 Product Family	Univers
 Length x Width x Height (m)	5,9 x 6,0 x 3,8
 Length x Width x Height (ft)	19-3 x 19-9 x 12-4
 Protective Surfacing Area acc. to DIN EN 1176 (m)	9,6 x 9,5
 Protective Surfacing Area acc. to ASTM/CSA (m)	9,6 x 9,7
 Protective Surfacing Area acc. to ASTM/CSA (ft)	31-5 x 31-8
 Fall Height acc. to EN 1176 (m)	2,30
 Fall Height acc. to ASTM/CSA (ft)	7-7
 Age	5
 Minimum Space required acc. to DIN EN 1176 (m ²)	63,9
 Minimum Space required acc. to ASTM 1487 (ft ²)	704
 Number of Foundations	6
 Concrete Volume C20/C25 (m ³)	2,1
 Number of skilled Installers required	2-3
 Installation Time without Foundation	12 hours
 Dimensions of largest Part (m)	On request
 Weight of heaviest Part (kg)	120
 Shipping Volume (m ³)	On request
 Total Weight (kg)	On request
 Spare Part Guarantee	Lifelong



Technical Data

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

Included Products:

- Sliding Pole
- 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 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.

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.

Sliding Pole:

A stainless steel tube with a diameter of Ø 40 mm (1 5/16"), a wall thickness of 5 mm (3/16") and a bent part at the top is connected to the main unit by an aluminium ball with a diameter of Ø 250 mm (9 13/16").