

Univers

Cosmo.20 Product Specifications



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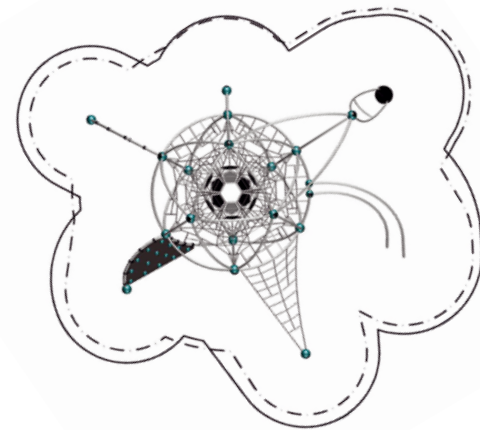
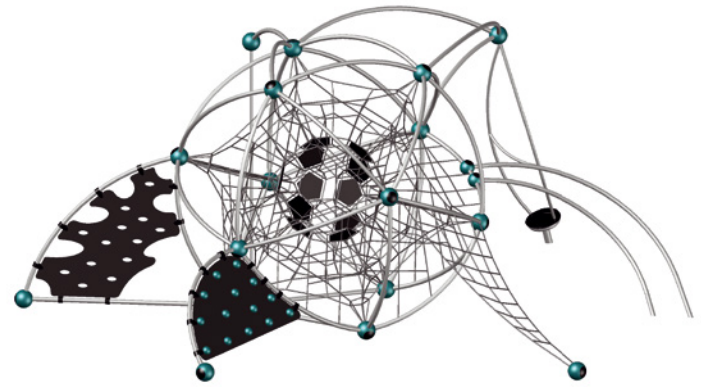
Cosmo.20

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 with all the features! The ball formed from twelve rubber mats in the centre of the Cosmo base is an invitation to have plenty of fun! The large selection of add-ons leaves nothing to be desired.

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Product Family	Univers
Length x Width x Height (m) Length x Width x Height ("'-")	8,6 x 8,9 x 3,8 28-0 x 29-3 x 12-4
Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ("'-")	12,5 x 11,6 12,2 x 12,6 40-0 x 41-4
Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("'-")	2,3 7-7
Age	5
Minimum Space required acc. to DIN EN 1176 (m ²) Minimum Space required acc. to ASTM 1487 (ft ²)	91,4 1056,2
Number of Foundations	9
Concrete Volume C20/C25 (m ³)	2,7
Number of skilled Installers required	2-3
Installation Time without Foundation	10 hours
Dimensions of largest Part (m)	4,6 x 1,3 x 0,1
Weight of heaviest Part (kg)	110
Shipping Volume (m ³)	6
Total Weight (kg)	On request
Spare Part Guarantee	Lifelong
Certified acc. to EN 1176	Z2 18 04 10256 270



Technical Data

The following text can also be used for tenders.

Included Products:

- Access Net
- Banister
- Flubber
- Duck Jibe
- HDPE Ramp and Wall
- Sliding Pole

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 Frameworkx® 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.

Access Net:

The planar net with a mesh size of at least 250 x 250 mm (9 13/16" x 9 13/16") is fastened with aluminium clamps to the pipes and to the foundation with an aluminium ball.

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 9/16"), 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").

Curved Banister:

The curved Frameworkx® stainless steel tubes with a diameter of Ø 60,3 mm (2 3/8") and a wall thickness of 2,9 mm (1/8") are connected to the main frame by aluminium balls with a diameter of 200 mm (7 7/8").

Duck Jibe:

The Frameworkx® stainless steel tubes are connected at the top to the main framework by lubricated, antifriction reciprocal bearings and an aluminium Ball connector. The standing platform is comprised of grained HDPE and the bearing construction to the ground consists of a steel pipe retainer.

Flubber:

The pentagonal rubber mats consist of durable and vandalism-proof conveyor belt and are attached to the ropes with aluminium clamps.