

Univers

Cosmo.105 Product Specifications


















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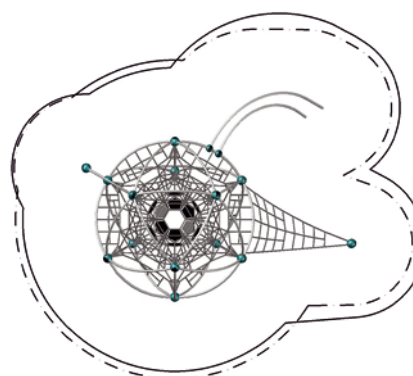
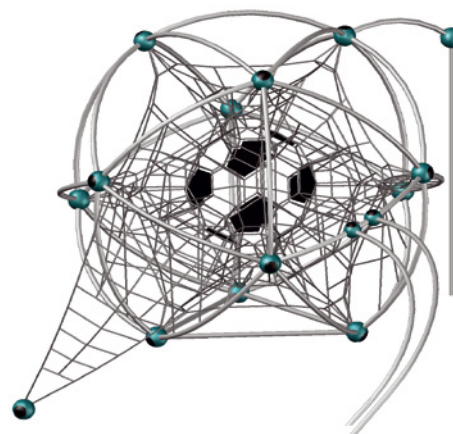
Cosmo.105

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 the Cosmo.105 you can enter the voluminous spatial net directly or choose the route via the access net. Curved banister and a sliding bar ensure a rapid return to the bottom.

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 Product Family	Univers
 Length x Width x Height (m) Length x Width x Height ("'-")	5,7 x 7,3 x 3,8 18-6 x 23-10 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 ("'-")	9,3 x 10,6 9,6 x 11,0 31-3 x 35-10
 Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("'-")	2,30 7-7
 Age	5
 Minimum Space required acc. to DIN EN 1176 (m ²) Minimum Space required acc. to ASTM 1487 (ft ²)	77,1 812,5
 Number of Foundations	6
 Concrete Volume C20/C25 (m ³)	1,85
 Number of skilled Installers required	2-3
 Installation Time without Foundation	8 hours
 Dimensions of largest Part (m)	4,6 x 1,3 x 0,1
 Weight of heaviest Part (kg)	30
 Shipping Volume (m ³)	On request
 Total Weight (kg)	On request
 Spare Part Guarantee	Lifelong



Technical Data

The following text can also be used for tenders.

Included Products:

- Access Net
- Sliding Pole
- Banister
- Flubber

Tubes:

The bent steel tubes with a diameter of $\varnothing 60,3$ mm ($2 \frac{3}{8}$ "") and wall thicknesses of 2 mm ($\frac{1}{16}$ "") till 10 mm ($\frac{3}{8}$ "") 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 ($9 \frac{13}{16}$ "") 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 $\varnothing 16$ mm ($\frac{5}{8}$ "").

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 ($9 \frac{13}{16}$ "" x $9 \frac{13}{16}$ "") is fastened with aluminium clamps to the pipes and to the foundation with an aluminium ball.

Sliding Pole:

A stainless steel tube with a diameter of $\varnothing 40$ mm ($1 \frac{1}{2}$ ""), a wall thickness of 5 mm ($\frac{3}{16}$ "") and a bent part at the top is connected to the main unit by an aluminium ball with a diameter of $\varnothing 250$ mm ($9 \frac{13}{16}$ "").

Curved Banister:

The curved Frameworx® stainless steel tubes with a diameter of $\varnothing 60,3$ mm ($2 \frac{3}{8}$ "") and a wall thickness of 2,9 mm ($\frac{1}{8}$ "") are connected to the main frame by aluminium balls with a diameter of 200 mm ($7 \frac{7}{8}$ "").

Flubber:

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