

Univers

Cosmo.105 Product Specifications


















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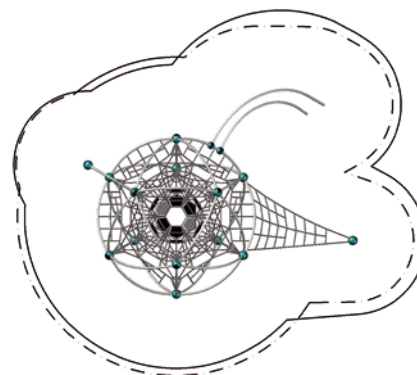
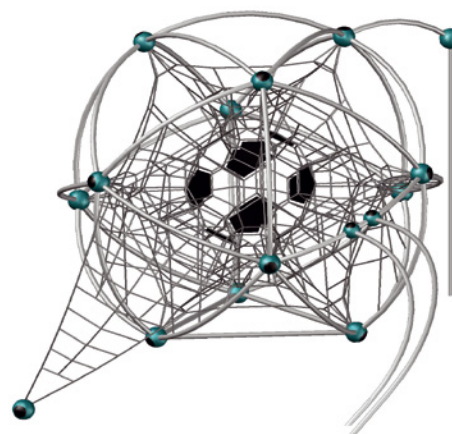
Cosmo.105

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	5-12
	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 (ft ³)	65.4
	Number of skilled Installers required	2-3
	Installation Time without Foundation	8 hours
	Dimensions of largest Part ("")	15-1 x 4-3 x 0-4
	Weight of heaviest Part (lbs)	66.2
	Shipping Volume (ft ³)	On request
	Total Weight (lbs)	On request
	Spare Part Guarantee	Lifelong



Technical Data

The following text can also be used for tenders.

Included Products:

- Access Net
- Flubber
- Banister
- Sliding Pole

Tubes:

The bent steel tubes with a diameter of $\varnothing 2 \frac{3}{8}$ " and wall thicknesses of $\frac{1}{16}$ " till $\frac{3}{16}$ " are thermally galvanized to protect against corrosion and powder-coated in color using a solvent-free epoxy-polyester-process or consist of stainless steel.

Balls:

The Frameworx® aluminum balls with a diameter of $9 \frac{13}{16}$ " 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 galvanized wires has outer strands which are covered with highly abrasion-resistant and highly UV-resistant polyester yarn (not polypropylene). The rope diameter is $\varnothing \frac{3}{8}$ ".

Spatial Net & Planar Net:

The net structures are fixed at the rope crossing points by durable aluminum 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 $9 \frac{13}{16}$ " x $9 \frac{13}{16}$ " is fastened with aluminum clamps to the pipes and to the foundation with an aluminum ball.

Sliding Pole:

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

Curved Banister:

The curved Frameworx® stainless steel tubes with a diameter of $\varnothing 2 \frac{3}{8}$ " and a wall thickness of $\frac{1}{8}$ " are connected to the main frame by aluminum balls with a diameter of $7 \frac{7}{8}$ ".

Flubber:

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