

Univers

Cosmo S.04 Product Specifications



















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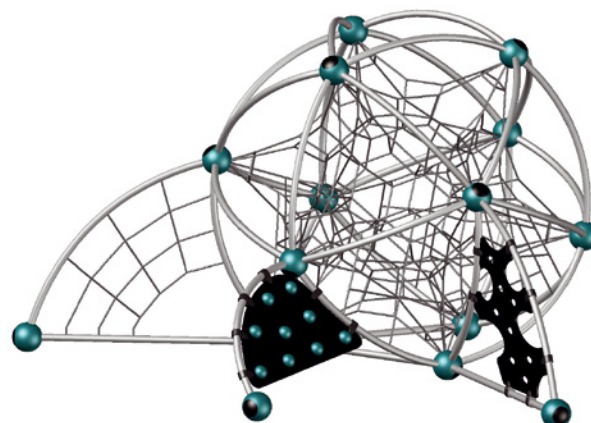
Cosmo S.04

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 S.04 is only one possibility of combining the Cosmo S base with add-on elements: a climbing wall, a climbing ramp and a net wall make this small Cosmo the highlight on every playground.

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 Product Family	Univers
 Length x Width x Height (m) Length x Width x Height ("'-")	5,7 x 4,6 x 2,9 18-9 x 15-1 x 9-6
 Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ("'-")	8,8 x 7,8 9,4 x 8,3 30-9 x 27-1
 Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("'-")	1,80 6-0
 Age	3
 Minimum Space required acc. to DIN EN 1176 (m ²) Minimum Space required acc. to ASTM 1487 (ft ²)	46,2 571,6
 Number of Foundations	6
 Concrete Volume C20/C25 (m ³)	0,8
 Number of skilled Installers required	2-3
 Installation Time without Foundation	7 hours
 Dimensions of largest Part (m)	1,2 x 0,2 x 1,0
 Weight of heaviest Part (kg)	110
 Shipping Volume (m ³)	3,4
 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:

- Net Wall
- HDPE Ramp and Wall

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 Framewor[®] 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.

Net Wall:

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 aluminium balls.

HDPE Ramp and Wall:

Form milled HDPE panels with a thickness of 19 mm ($\frac{3}{4}$ "") 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.