

Univers

Cosmo.111 Product Specifications























Published: March 2020

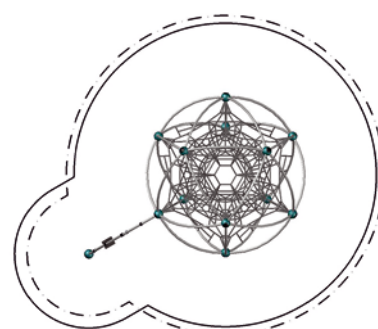
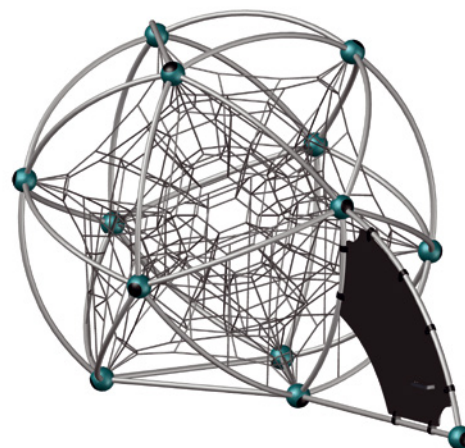
Cosmo.111

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.

Besides its great design and infinite climbing possibilities within the spatial net, this Cosmo proves particularly captivating for youngsters because of its add-on element: a chalkboard. After an energetic climbing session, children can relax here by expressing themselves artistically.

90.112.111

 Product Family	Univers
 Length x Width x Height (m)	4,4 x 5,9 x 3,8
 Length x Width x Height (ft-in)	14-5 x 19-5 x 12-4
 Protective Surfacing Area acc. to DIN EN 1176 (m)	8,4 x 9,5
 Protective Surfacing Area acc. to ASTM/CSA (m)	8,1 x 9,6
 Protective Surfacing Area acc. to ASTM/CSA (ft-in)	26-5 x 31-5
 Fall Height acc. to EN 1176 (m)	2,30
 Fall Height acc. to ASTM/CSA (ft-in)	7-7
 Age	3
 Minimum Space required acc. to DIN EN 1176 (m ²)	59,9
 Minimum Space required acc. to ASTM 1487 (ft ²)	619
 Number of Foundations	4
 Concrete Volume C20/C25 (m ³)	1
 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)	On request
 Total Weight (kg)	On request
 Spare Part Guarantee	Lifelong



Technical Data

The following text can also be used for tenders.

Included Products:

- Chalkboard

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.

Chalkboard:

The Chalkboard is made of a form milled HDPE panel with a thickness of 19 mm (3/4"). All edges are rounded. It is fixed to the pipes with aluminium clamps and to the foundation with aluminium balls.