

Univers

Cosmo.20 Product Specifications























Published: March 2020

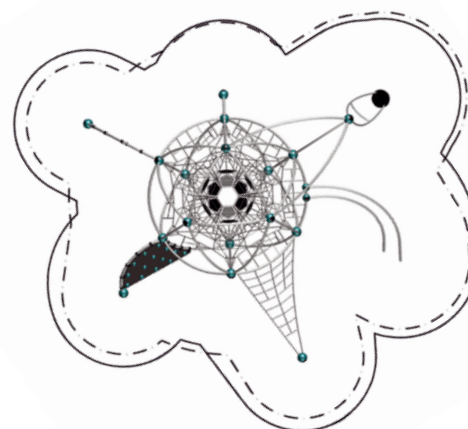
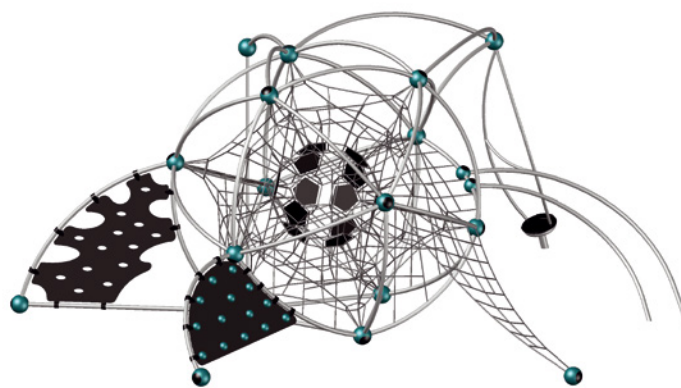
Cosmo.20

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.

90.112.200

	Product Family	Univers
	Length x Width x Height (m)	8,6 x 8,9 x 3,8
	Length x Width x Height (ft)	28-0 x 29-3 x 12-4
	Protective Surfacing Area acc. to DIN EN 1176 (m)	12,5 x 11,6
	Protective Surfacing Area acc. to ASTM/CSA (m)	12,2 x 12,6
	Protective Surfacing Area acc. to ASTM/CSA (ft)	40-0 x 41-4
	Fall Height acc. to EN 1176 (m)	2,30
	Fall Height acc. to ASTM/CSA (ft)	7-7
	Age	5-12
	Minimum Space required acc. to DIN EN 1176 (m ²)	91.4
	Minimum Space required acc. to ASTM 1487 (ft ²)	1056.2
	Number of Foundations	9
	Concrete Volume C20/C25 (ft ³)	95.4
	Number of skilled Installers required	2-3
	Installation Time without Foundation	10 hours
	Dimensions of largest Part (ft)	15-1 x 4-3 x 0-4
	Weight of heaviest Part (lbs)	242.5
	Shipping Volume (ft ³)	211.9
	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
- HDPE Ramp and Wall
- Banister
- Duck Jibe
- Sliding Pole

Tubes:

The bent steel tubes with a diameter of Ø 2 3/8" and wall thicknesses of 1/16" till 3/8" 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 Frameworkx® aluminum balls with a diameter of 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 galvanized wires has outer strands which are covered with highly abrasion-resistant and highly UV-resistant polyester yarn (not polypropylene). The rope diameter is Ø 3/4".

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 13/16" x 9 13/16" is fastened with aluminum clamps to the pipes and to the foundation with an aluminum ball.

HDPE Ramp and Wall:

Form milled HDPE panels with a thickness of 3/4" and grained surface. All edges are rounded. They are fixed to the pipes with aluminum clamps and to the foundation with aluminum balls. The climbing ramp is equipped with screwed and powdercoated steel hemispheres.

Sliding Pole:

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

Curved Banister:

The curved Frameworkx® stainless steel tubes with a diameter of Ø 2 3/8" and a wall thickness of 1/8" are connected to the main frame by aluminum balls with a diameter of 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 aluminum 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 aluminum clamps.