

# Univers

## Cosmo.59 Product Specifications



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### Cosmo.59

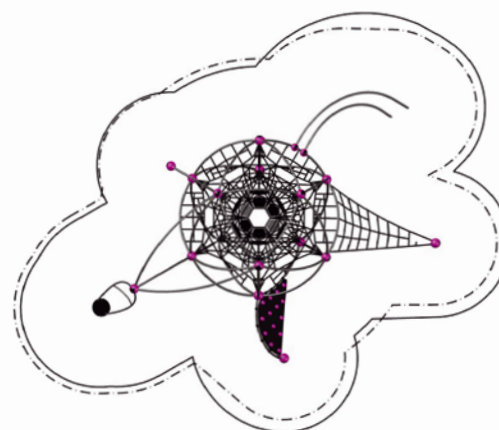
The first totally spherical rope play structure offers exciting play options. Cosmo is a whole new round of fun in play equipment. Apart from the basic system, Cosmo stands out due to its many freely selectable add-ons and diverse play activities.

There are not many wishes left with the Cosmo.59. Whether you're looking for spinning, sliding, climbing, balancing or socializing, the almost fully loaded Cosmo has it all.



90.112.590

	Product Family	Univers
	Length x Width x Height (m) Length x Width x Height ("'-")	9,2 x 7,2 x 3,8 30-3 x 23-8 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 ("'-")	12,7 x 10,4 12,9 x 11,1 42-4 x 36-5
	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 (m²) Minimum Space required acc. to ASTM 1487 (ft²)	89,1 1.006,4
	Number of Foundations	8
	Concrete Volume C20/C25 (m³)	2,5
	Number of skilled Installers required	2-3
	Installation Time without Foundation	12 hours
	Dimensions of largest Part (m)	On request
	Weight of heaviest Part (kg)	120
	Shipping Volume (m³)	On request
	Total Weight (kg)	On request
	Spare Part Guarantee	Lifelong



## Technical Data

Technical changes are reserved. The following text can also be used for tenders.

### Included Products:

- Duck Jibe
- Access Net
- Climbing Ramp
- Banister
- Sliding Pole

### 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 & 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 13/16" x 9 13/16") is fastened with aluminium clamps to the pipes and to the foundation with an aluminium ball.

### HDPE Ramp:

Form milled HDPE panel with a thickness of 19 mm (3/4") and grained surface. All edges are rounded. It is fixed to the pipes with aluminium clamps and to the foundation with an aluminium ball. The climbing ramp is equipped with screwed and powdercoated steel hemispheres.

### Sliding Pole:

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

### Curved Banister:

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

### Duck Jibe:

The Frameworx® stainless steel tubes are connected at the top to the main framework by lubricated, antifriction reciprocal bearings and an aluminium Ball connector. The standing platform is comprised of grained HDPE and the bearing construction to the ground consists of a steel pipe retainer.