

# Univers

## Cosmo S.05 Product Specifications


















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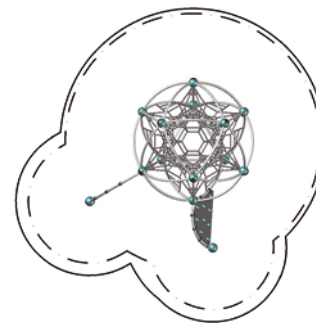
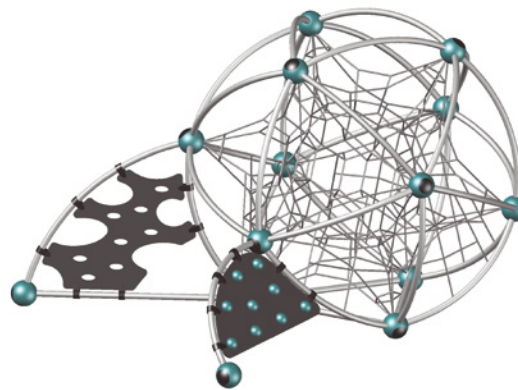
### Cosmo S.05

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 its climbing ramp and climbing wall, the Cosmo S.05 is perfectly equipped for whole groups of children who love climbing.

## 90.111.050

	Product Family	<b>Univers</b>
	Length x Width x Height (m) Length x Width x Height ("")	<b>4,6 x 4,5 x 2,9</b> <b>15-1 x 14-8 x 9-6</b>
	Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ("")	<b>7,8 x 7,8</b> <b>8,3 x 8,2</b> <b>27-1 x 26-11</b>
	Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("")	<b>1,80</b> <b>6-0</b>
	Age	<b>2-12</b>
	Minimum Space required acc. to DIN EN 1176 (m <sup>2</sup> ) Minimum Space required acc. to ASTM 1487 (ft <sup>2</sup> )	<b>46.21</b> <b>571.8</b>
	Number of Foundations	<b>5</b>
	Concrete Volume C20/C25 (ft <sup>3</sup> )	<b>23</b>
	Number of skilled Installers required	<b>2-3</b>
	Installation Time without Foundation	<b>7 hours</b>
	Dimensions of largest Part ("")	<b>3-11 x 0-8 x 3-3</b>
	Weight of heaviest Part (lbs)	<b>242.5</b>
	Shipping Volume (ft <sup>3</sup> )	<b>On request</b>
	Total Weight (lbs)	<b>On request</b>
	Spare Part Guarantee	<b>Lifelong</b>



### Technical Data

The following text can also be used for tenders.

#### Included Products:

- HDPE Ramp and Wall

#### Tubes:

The bent steel tubes with a diameter of  $\varnothing 2 \frac{3}{8}$ " and wall thicknesses of  $\frac{1}{16}$ " till  $\frac{3}{8}$ " 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 Frameworx® aluminum balls with a diameter of  $9 \frac{1}{16}$ " 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  $\varnothing \frac{5}{8}$ ".

#### 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.

#### HDPE Ramp and Wall:

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