

# Cosmo S.17 – Product Specification



## Cosmo – The first totally round rope play structure

The innovative space structure offers exciting play options never before experienced. Cosmo is a whole new round of fun in play equipment: The first totally round rope play structure has arrived.

Apart from the basic system, Cosmo stands out due to its many freely selectable add-ons and diverse play activities. This gives the Cosmo an advantage over several rounds compared to conventional climbing frames.

In 2008 Cosmo received the prestigious “Red Dot” design award for excellent design quality.

### Cosmo S 17 –At a glance.

Product Family:	<b>Cosmo</b>	Number of Foundations:	<b>8 pc.</b>
Item Number:	<b>90.111.170</b>	Concrete Volume C20/C25:	<b>1.61 m<sup>3</sup> (56.9 ft<sup>3</sup>)</b>
Children's Age:	<b>3</b>	Number of skilled installers required:	<b>3</b>
Fall Height (DIN EN 1176):	<b>1.8 m (5'-11")</b>	Installation Time without foundation:	<b>7 hours</b>
Length x Width x Height:	<b>5.59m x 6.88m x 2.88m (22'-7" x 18'-4" x 9'-5")</b>	Dimensions of largest part:	<b>4.2 m x Ø 0.06 m (13'-10" x Ø 0'-3")</b>
Protective Surfacing Area (DIN EN 1176):	<b>9.88 m x 8.59 m</b>	Weight of heaviest part:	<b>110 kg (242.5 lbs)</b>
Protective Surfacing Area (ASTM 1487):	<b>10.55 m x 8.0 m (34'-7" x 26'-3")</b>	Shipping Volume:	<b>Upon request</b>
Minimum space required DIN EN 1176:	<b>59.11 m<sup>2</sup></b>	Spare part guarantee:	<b>Lifelong</b>
Minimum space required ASTM 1487:	<b>69.70 m<sup>2</sup> (571.6 sf)</b>	Certificate according to DIN EN 1176:	<b>No.: Z2 15 12 10256 245 TÜV Product Service</b>

  
**Berliner**  
 Berliner Seilfabrik  
 Play Equipment Corporation  
 96 Brookfield Oaks Drive, Suite 140  
 Greenville, SC 29607

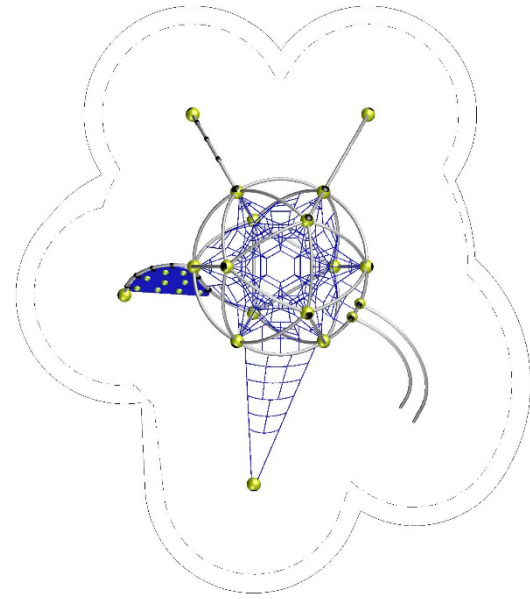
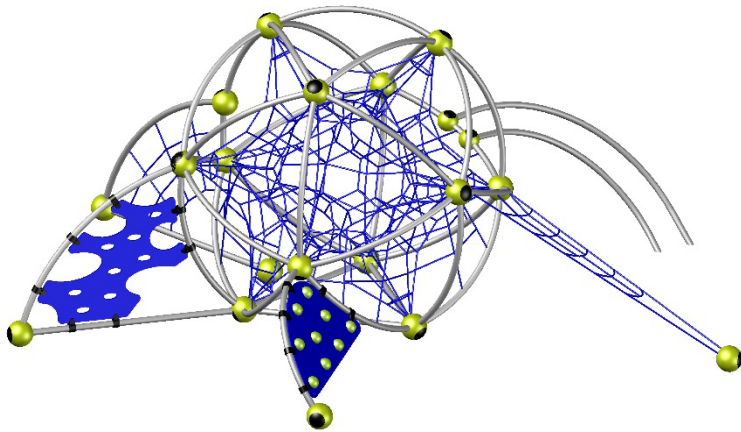
T + 1 864 627 1092  
 F + 1 864 627 1178

[www.berliner-playequipment.com](http://www.berliner-playequipment.com)  
[info@berliner-seilfabrik.com](mailto:info@berliner-seilfabrik.com)

Revision: March 2016

Page 1

# Cosmo S.17 – Product Specification



## Technical Data.

The following text can also be used for tenders.

- Cosmo S
- Net wall
- Climbing wall
- Climbing ramp
- Curved Banister
- Access net

### Tube framework:

Curved stainless steel tubes;  $\varnothing$  60.3 mm (2 3/8")

### Nodes:

Framework-aluminum ball connectors;  $\varnothing$  250 mm (9-13/16"); anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process; incorporating an ASTEM TT net tensioning system; securely closed with durable EPDM- caps

### Ropes:

U-Rope®-round strand ropes with galvanized and covered wires; external strands with non-abrasive UV-resistant Polyester-yarn (no Polypropylene);  $\varnothing$  16 mm (5/8")

### Spacial netting:

Rope crossing points are localized with durable, forged aluminum-alloy cloverleaf rings and forged aluminum-alloy ballknots (no plastic connections); in situ-replaceable rope strands (no special tools required)

### Net wall:

Made of U-Rope, mesh size minimum 250 x 250 mm (9-4/5" x 9-4/5"); rope crossing points localized with durable, drop forged aluminum-ball-knots, net mounted with aluminum tube clamps on stainless steel tubes (net ramp and net wall),  $\varnothing$  2 3/8" (60.3 mm); grounded with Framework-aluminum ball connector,  $\varnothing$  9 13/16" (250 mm) and foundation-tube

### Climbing wall:

Mold-shaped HDPE-panel, 3/4" (19 mm) thickness, rounded edges; mounted with 7 aluminum plate clamps on stainless steel tubes,  $\varnothing$  2 3/8" (60.3 mm); grounded with Framework-aluminum ball connector,  $\varnothing$  9 13/16" (250 mm) and foundation-tube

### Climbing ramp:

Mold-shaped HDPE-panel, 19 mm (3/4") thickness, rounded edged; equipped with 14 powdercoated steel-hemispheres, and angle mounted with 9 aluminum plate clamps on stainless steel tubes,  $\varnothing$  60.3 mm (2 3/8"), wall thickness 2.9 mm; grounded with Framework-aluminum ball connector,  $\varnothing$  250 mm (9-13/16") and foundation-tube  $\varnothing$  60,3 mm (2 3/8")

### Curved Banister:

Made Curved stainless steel pipes;  $\varnothing$  60.3 mm (2 3/8") wall thickness 2.9 mm; connected to the main structure with 2 aluminum ball connectors  $\varnothing$  200mm (7-9/10")

### Access net:

Ropes  $\varnothing$  16mm (5/8"); mesh size minimum 250 x 250 mm (9-4/5" x 9-4/5"); rope crossing points localized with durable, drop forged aluminum ball knots; in situ-replaceable rope lines (no plastic); mesh size minimum 250 x 250 mm (9-4/5"), connected to the main structure with aluminum clamps, grounded with Framework-aluminum ball connector,  $\varnothing$  250 mm (9-13/16") with 2 Frox elements



Berliner Seilfabrik  
Play Equipment Corporation  
96 Brookfield Oaks Drive, Suite 140  
Greenville, SC 29607

T + 1 864 627 1092  
F + 1 864 627 1178

www.berliner-playequipment.com  
info@berliner-seilfabrik.com

