Cosmo.02 – 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.02 –At a glance.

Product Family:	**Cosmo**	Number of Foundations:	**7 pc.**
Item Number:	**90.112.020**	Concrete Volume C20/C25:	**1.8 m³ (63.6 ft³)**
Children’s Age:	**5+**	Number of skilled installers required:	**3**
Fall Height (DIN EN 1176):	**2.30 m (7‘-7“)**	Installation Time without foundation:	**8 hours**
Length x Width x Height:	**8.6 m x 6.0 m x 3.8 m (28‘-0“ x 19‘-9“ x 12‘-4“)**	Dimensions of largest part:	**0.1 m x 0.1 m x3.9 m (0‘-4“ x 0‘-4“ x 12‘-10“)**
Protective Surfacing Area (DIN EN 1176):	**9.6 m x11.6 m**	Weight of heaviest part:	**105 kg (231.5 lbs)**
Protective Surfacing Area (ASTM 1487):	**12.2 m x 9.7 m (40’-0” x 31’-9”)**	Shipping Volume:	**4.0 m³ (141.3 ft³)**
		Spare part guarantee:	**Lifelong**
Minimum space required DIN EN 1176:	**70.3 m²**		
Minimum space required ASTM 1487:	**75.4 m² (811.6 sf)**		

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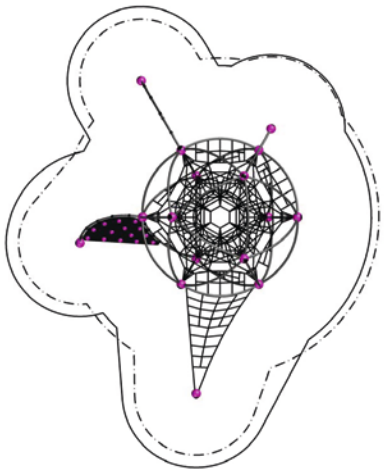

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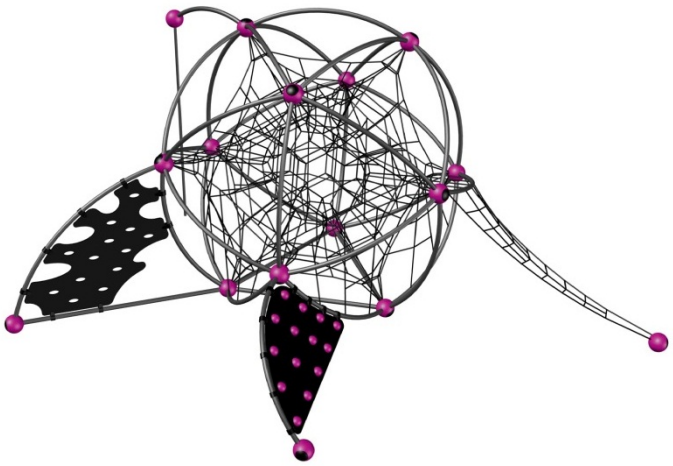


Technical Data.

The following text can also be used for tenders.

- Cosmo
- Climbing wall
- Climbing ramp
- Sliding pole
- Access net

Tube framework:
Curved stainless steel tubes; Ø 60.3 mm (2 3/8'')

Nodes:
Frameworx-aluminum ball connectors; Ø 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): Ø 16 mm (5/8")

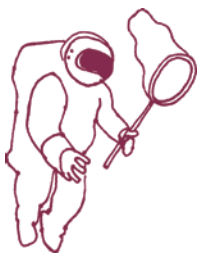
Spacial netting:
Rope crossing points are localized with durable, forged aluminum-alloy cloverleaf rings and forged aluminum-alloy ballknots (no plastic connections); in situ-replaceable rope strands (no special tools required)

Climbing wall:
Mold-shaped HDPE-panel, 3/4" (19 mm) thickness, rounded edges; mounted with 7 aluminum plate clamps on stainless steel tubes, Ø 2 3/8'' (60.3 mm); grounded with Frameworx-aluminum ball connector, Ø 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, Ø 60.3 mm (2 3/8''), wall thickness 2.9 mm; grounded with Frameworx-aluminum ball connector, Ø 250 mm (9-13/16'') and foundation-tube Ø 60,3 mm (2 3/8'')

Sliding pole:
Curved stainless steel pipe: Ø 60.3 mm (2-3/8''), wall thickness 2.9 mm; Frameworx-aluminum ball connectors, Ø 250 mm (9-13/16''); stainless steel sliding pole Ø 40 mm (1-3/5") wall thickness 5 mm (3/16'')

Access net:
ropes Ø 16mm (5/8''); 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 Frameworx-aluminum ball connector, Ø 250 mm (9-13/16'') with 2 Frox elements



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