

Cosmo.03 – 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.03 –At a glance.

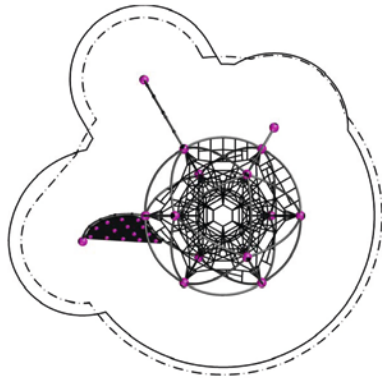
Product Family:	Cosmo	Number of Foundations:	6 pc.
Item Number:	90.112.030	Concrete Volume C20/C25:	1.5 m³ (53.0 ft³)
Children’s Age:	5+	Number of skilled installers required:	3
Fall Height (DIN EN 1176):	2.30 m (7’-7”)	Installation Time without foundation:	7 hours
Length x Width x Height:	5.9 m x 6.0 m x 3.8 m (19’-3” x 19’-9” x 12’-4”)	Dimensions of largest part:	0.1 m x 0.1 m x 3.9 m (0’-4” x 0’-4” x 12’-10”)
Protective Surfacing Area (DIN EN 1176):	9.6 m x 9.5 m	Weight of heaviest part:	105 kg (231.5 lbs)
Protective Surfacing Area (ASTM 1487):	9.6 m x 9.7 m (31’-5” x 31’-8”)	Shipping Volume:	4.0 m³ (141.3 ft³)
Minimum space required DIN EN 1176:	63.9 m²	Spare part guarantee:	Lifelong
Minimum space required ASTM 1487:	65.4 m² (704.0 sf)		


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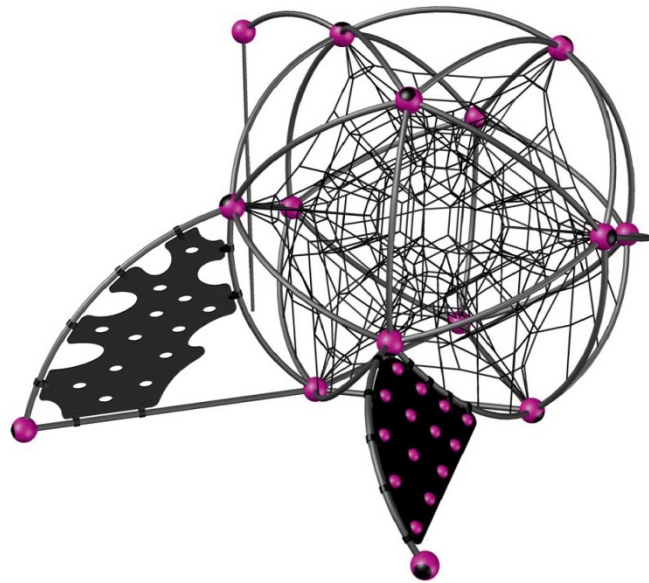
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Technical Data.

The following text can also be used for tenders.

- Cosmo
- Climbing ramp
- Climbing wall
- Sliding pole

Tube framework:

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

Nodes:

Frameworkx-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)

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 Frameworkx-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 Frameworkx-aluminum ball connector, \varnothing 250 mm (9-13/16") and foundation-tube \varnothing 60,3 mm (2 3/8")

Sliding pole:

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



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