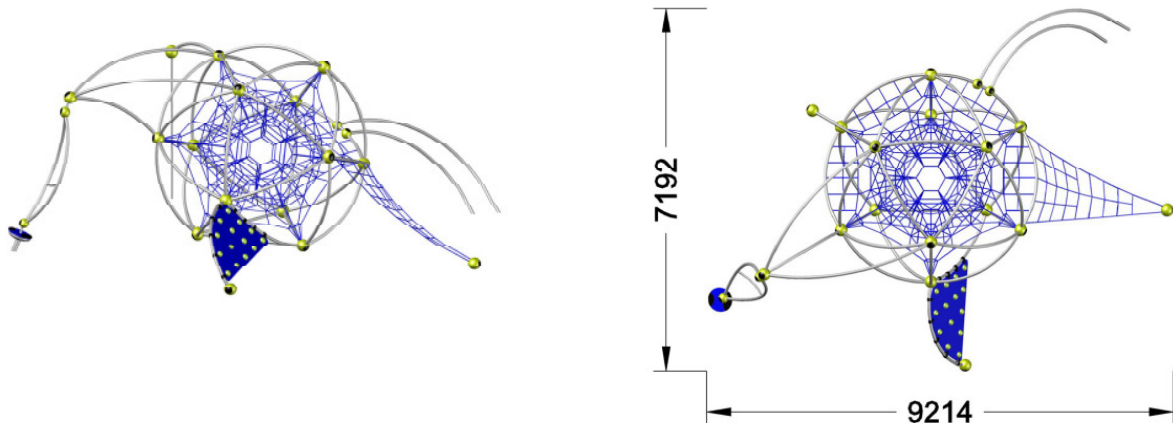


# Product Specification

<b>Product Family</b>	: Cosmo
<b>Product name</b>	: Cosmo.11
<b>Item number</b>	: 90.112.110
<b>Children's age</b>	: 5 +
<b>Fall Height (EN1176)</b>	: 2.30 m (5'-11")
<b>Dimensions: length, width, height</b>	: 9.2 x 7.2 x 3.8 m (30'-2" x 23'-8" x 12'-4")
<b>Protective Surfacing Area required (EN1176)</b>	: 12.8 x 10.4 m (41'-8" x 34'-2")
<b>Protective Surface Area required (ASTM 1487)</b>	: 12.9 x 11.1 m (42'-2" x 36'-5")
<b>Minimum space required</b>	: <b>EN1176:</b> 89.1 m <sup>2</sup> <b>ASTM 1487:</b> 93.5 m <sup>2</sup>
<b>Number of foundations</b>	: 8
<b>Concrete Volume C20/25 (3.000 psi)</b>	: 2.5 m <sup>3</sup>
<b>Number of skilled installers needed</b>	: 3
<b>Installation time without foundation</b>	: 10 hours
<b>Dimensions of largest part</b>	: 0.06 x 1.30 x 4.6 m
<b>Weight for heaviest part</b>	: 105 kg
<b>Freight volume</b>	: 4.0 m <sup>3</sup>
<b>Gross weight</b>	: 960 kg
<b>Spare part guarantee</b>	: Lifelong
<b>Certificate EN 1176</b>	No.: AL 08 03 10256 052 TÜV Product Service



Product description (also available as a doc-file upon request):

Net structure **Cosmo.01** equipped with the **ASTEM** net tensioning system in combination with add-ons.

Members:	All framework members are made from curved stainless steel pipes, $\varnothing$ 60.3mm (2 3/8"); material AISI304 (DIN 1.4301).
Banister	Corrosion-resistant, curved steel pipes, $\varnothing$ 60.3 mm (2 3/8"); material AISI304 (DIN 1.4301), connected to the main structure with <b>Frameworkx</b> -aluminum ball connectors, $\varnothing$ 200mm (7-9/10").
Nodes:	<b>Frameworkx</b> -aluminum ball connectors, $\varnothing$ 250mm (9-13/16"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process; with inlying <b>ASTEM</b> TT net tensioning system, securely closed with durable ebonite caps.
Ropes:	U-Rope-round strand ropes with steel cores, $\varnothing$ 16mm (5/8"); with galvanized wires, external strands covered with non-abrasive UV-resistant Polyamide-yarn (no Polypropylene!).
Spatial netting:	Rope crossing points localized with durable, drop forged aluminum-cloverleaf rings; in situ-replaceable rope lines (no special tools required). Pentagon rubber pods with conveyor belt quality, approx. 10 mm thick, attached to the ropes with aluminium clamps; in situ-replaceable rubber pods (no special tools required).

# Product Specification

Climbing wall:	Curved stainless steel pipes, Ø 60.3 mm (2 3/8"); material AISI304 (DIN 1.4301), connected with <b>Frameworkx</b> -aluminum ball connectors, Ø 250mm (9-13/16"), Panel made from polyethylene plastic 19mm (3/4") thickness, rounded edges, mounted with aluminium plate clamps.
Climbing ramp:	Curved stainless steel pipes, Ø 60.3 mm (2 3/8"); material AISI304 (DIN 1.4301), connected with <b>Frameworkx</b> -aluminum ball connectors, Ø 250mm (9-13/16"), Panel made from polyethylene plastic 19mm (3/4") thick, rounded edges, mounted with aluminium plate clamps, steel dishes (S235, anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process) with inbuilt nuts and locking device.
Sliding pole:	Curved stainless steel pipes, Ø 60.3 mm (2 3/8"); material AISI304 (DIN 1.4301), stainless steel sliding pole Ø 40mm (1-3/5"), connected with <b>Frameworkx</b> -aluminum ball connectors, Ø 250mm (9-13/16").
Duck Jibe:	Curved <b>Frameworkx</b> stainless steel pipes Ø 60.3 mm (2 3/8"), wall thickness 2.9mm, connected with thick-walled <b>Frameworkx</b> -aluminum ball connectors Ø 200mm (7.9"), lubricated, antifriction reciprocal bearings, connected to the main Cosmo framework with a thick-walled <b>Frameworkx</b> -aluminum ball connector, Ø 250mm (9-13/16"), standing platform is comprised of grained HDPE, 19mm thick. The turning bearing construction located in the ground consists of <b>Frameworkx</b> stainless steel pipe retainers, Ø 40 mm (1.6"), wall thickness 5mm. The openings of the ball connectors are securely closed with durable ebonite caps.
Access net:	U-Rope-round strand ropes with steel cores, Ø 16mm (5/8"); with galvanized wires, external strands covered with non-abrasive UV-resistant Polyamide-yarn (no Polypropylene!). Rope crossing points localized with durable, drop forged aluminum ball knots; in situ-replaceable rope lines (no special tools required). Mesh size minimum 250 x 250 mm (9-4/5"), connected to the main structure with a <b>Frameworkx</b> -aluminum ball connector, Ø 250mm (9-13/16"), connected to the main structure with aluminium clamps.

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