

TWIST.05 - Product Specification



TWIST.05– Spiral formed climbing structure with twisted climbing net

Large, spiral formed climbing structure, consisting of arches with different bending radiuses. The twisted climbing net follows the direction of the arch-segments and provides a three-dimensional climbing experience. The single rope endings of the prefabricated net can easily get fixed permanent but replaceable inside the tubes by the patent pending Charlotte-Connectors, without any visible ferrules or hooks.

Like a DNA strand here two Twist partially twisted into one another and tension between them a common net.

TWIST.05 – At a glance.

Product Family:	TWIST	Number of Foundations:	9 pc.
Item Number:	90.297.005	Concrete Volume C20/C25:	8.5 m³ (301 ft³)
Children's Age:	5+	Number of skilled installers required:	3
Fall Height (DIN EN 1176):	2.87 m (9'-5")	Installation Time without foundation:	20 h
Length x Width x Height:	9.4 x 11.5 x 3.0 m (30'-11" x 37'-9" x 9'-11")	Dimensions of largest part:	3.2 m x 1.70 x 0.2 m (10'-6" x 5'-7" x 0'-8")
Protective Surfacing Area (DIN EN 1176):	12.4 x 14.5 m	Weight of heaviest part:	65 kg (143.3 lbs)
Protective Surfacing Area (ASTM 1487):	13.0 x 15.2 m (42'-8" x 49'-11")	Shipping Volume:	20.0 m³ (707 ft³)
Minimum space required DIN EN 1176:	112.4 m²	Spare part guarantee:	Lifelong
Minimum space required ASTM 1487:	127.5 m² (1372 ft²)		

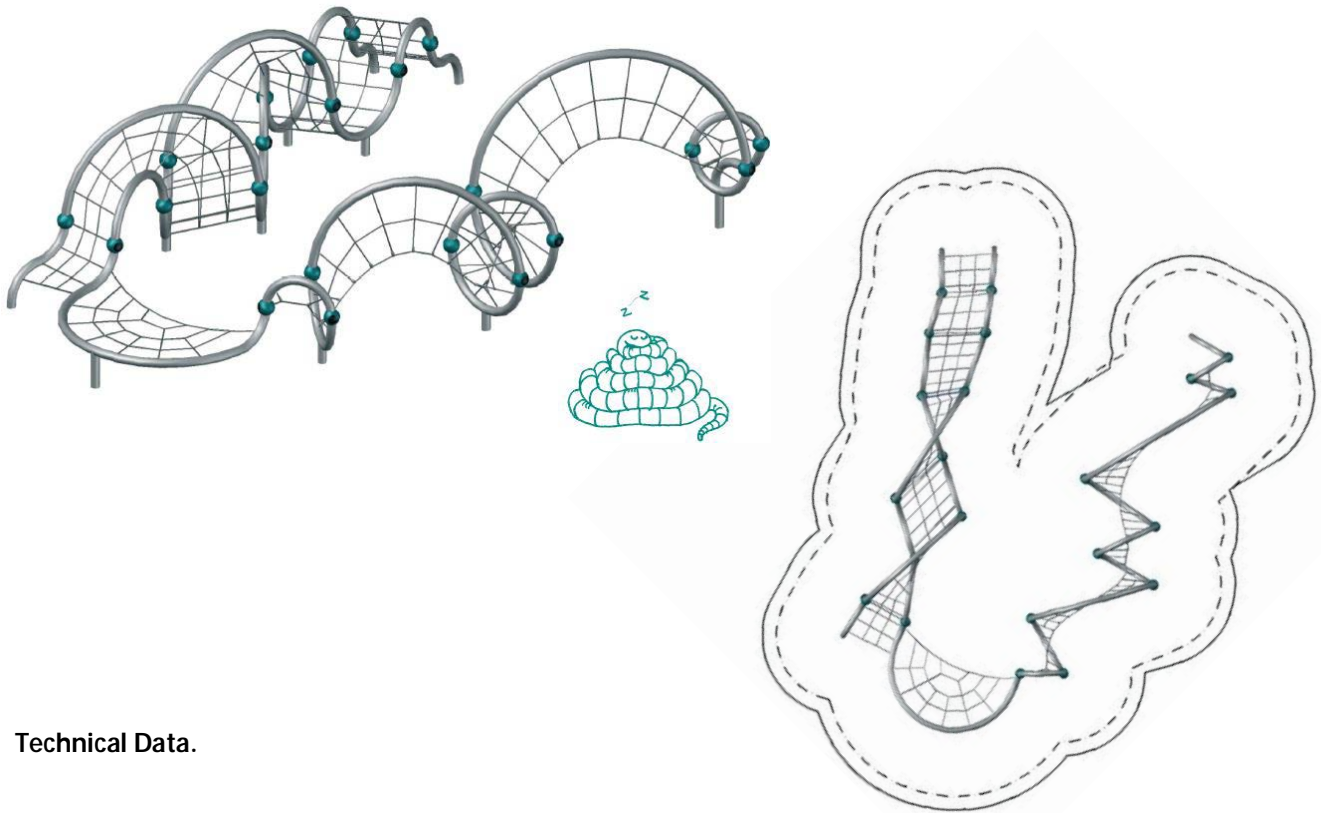

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Technical Data.

Arch-structure:

Steel pipes Ø 133 mm (5 ¼"); wall thickness 5mm (3/8"); anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process

Nodes:

Framework-aluminum ball connectors; Ø 250 mm (9-13/16") with enhanced wall thickness of 2"; anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process; the tensioning ball incorporates an ASTM 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 18 mm (11/16"); rope crossing points localized by durable, drop forged aluminum ballknots (no plastic) or with bolted T-Connector-clamps replaceable connected.

Charlotte Connector:

Internal fastening system for single rope endings at the arch tubes; the fixing works without hooks or visible ferrules, pre-prepared net segments can easily get fixed permanent but replaceable inside the tubes




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