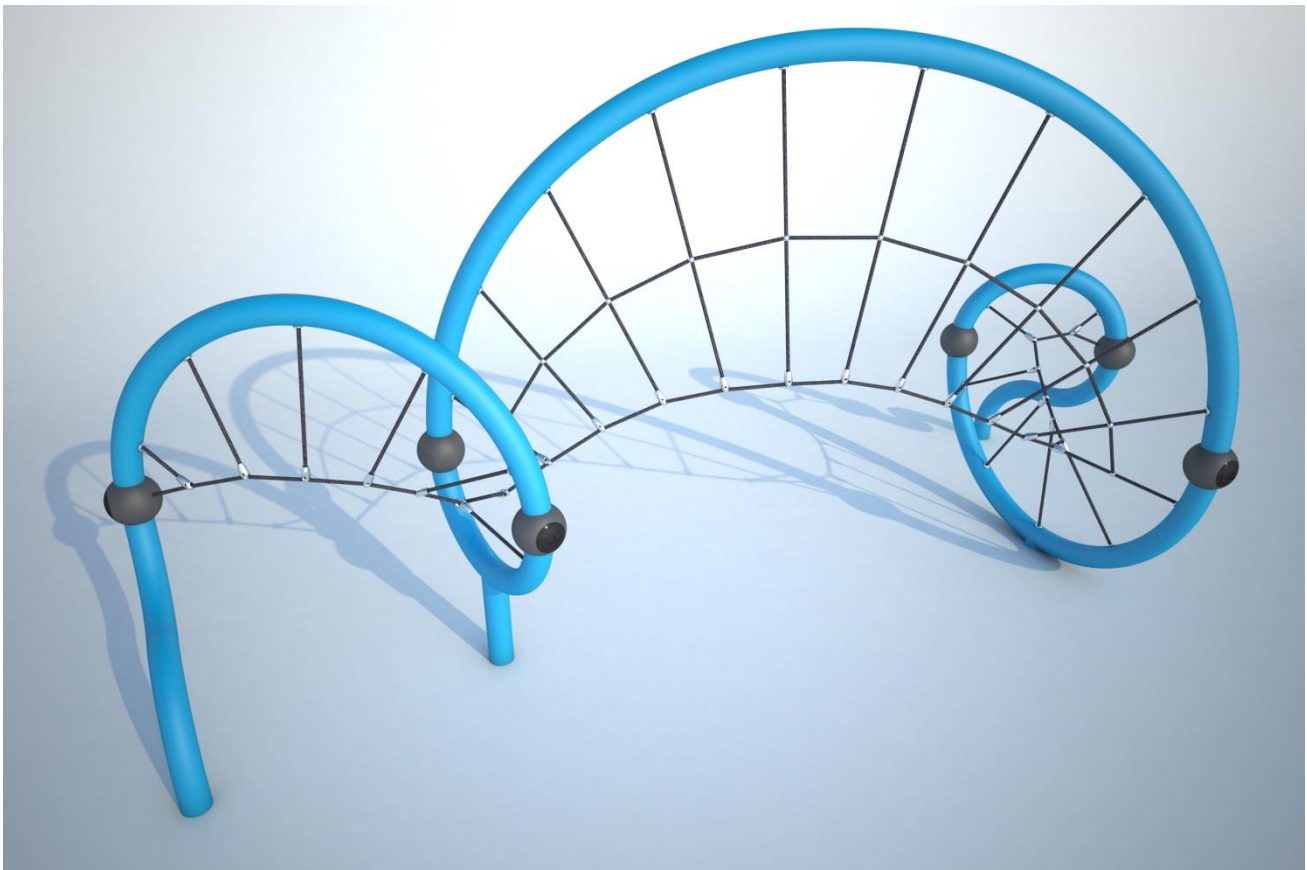


## TWIST.02 - Product Specification



### TWIST.02– 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.

#### TWIST.02 – At a glance.

Product Family:	<b>TWIST</b>	Number of Foundations:	<b>4 pc.</b>
Item Number:	<b>90.297.002</b>	Concrete Volume C20/C25:	<b>3.6 m<sup>3</sup> (127.2 ft<sup>3</sup>)</b>
Children's Age:	<b>5+</b>	Number of skilled installers required:	<b>3</b>
Fall Height (DIN EN 1176):	<b>2.87 m (9'-5")</b>	Installation Time without foundation:	<b>7 h</b>
Length x Width x Height:	<b>2.3 x 7.2 x 3.0 m (7'-5" x 23'-5" x 9'-8")</b>	Dimensions of largest part:	<b>4.2 m x 2.10 x 0.2 m (13'-10" x 6'-11" x 0'-8")</b>
Protective Surfacing Area (DIN EN 1176):	<b>5.3 x 10.2 m</b>	Weight of heaviest part:	<b>65 kg (143.3 lbs)</b>
Protective Surfacing Area (ASTM 1487):	<b>5.9 x 10.8 m (19'-5" x 35'-5")</b>	Shipping Volume:	<b>6.0m<sup>3</sup> (211.9 ft<sup>3</sup>)</b>
Minimum space required DIN EN 1176:	<b>40.4 m<sup>2</sup></b>	Spare part guarantee:	<b>Lifelong</b>
Minimum space required ASTM 1487:	<b>47.2 m<sup>2</sup> (509 ft<sup>2</sup>)</b>	Certificate according to DIN EN 1176:	<b>Z2 17 09 10256 267 TÜV Product Service</b>

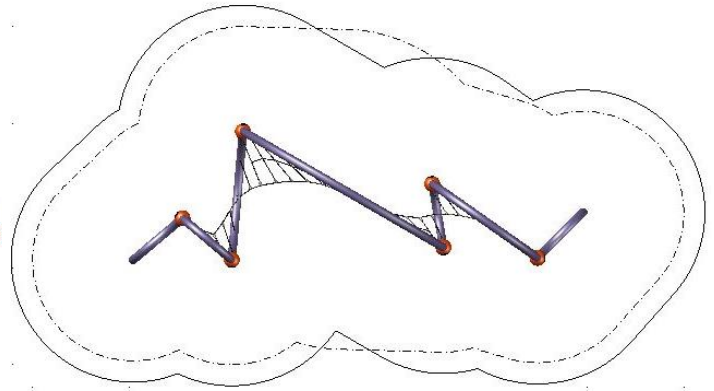
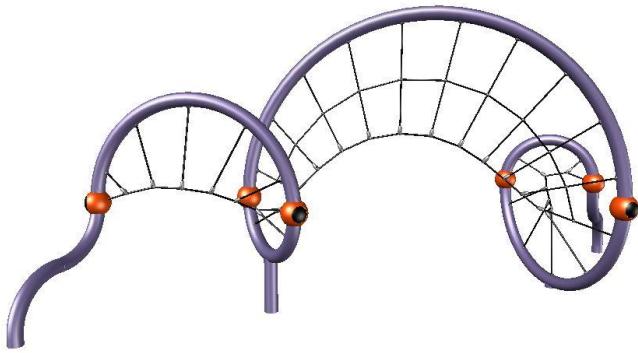
  
**Berliner**  
 Berliner Seilfabrik GmbH & Co.  
 Lengeder Straße 2/4  
 D-13407 Berlin

Tel. +49.(0)30.41 47 24-0  
 Fax +49.(0)30.41 47 24-33

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



## TWIST.02 - Product Specification



### Technical Data.

#### Arch-structure:

Steel pipes  $\varnothing$  133 mm (5 1/4"); wall thickness 5mm (3/8"); anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process

#### Nodes:

Framework-aluminum ball connectors;  $\varnothing$  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):  $\varnothing$  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



  
**Berliner**  
Berliner Seilfabrik GmbH & Co.  
Lengeder Straße 2/4  
D-13407 Berlin

Tel. +49.(0)30.41 47 24-0  
Fax +49.(0)30.41 47 24-33

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

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