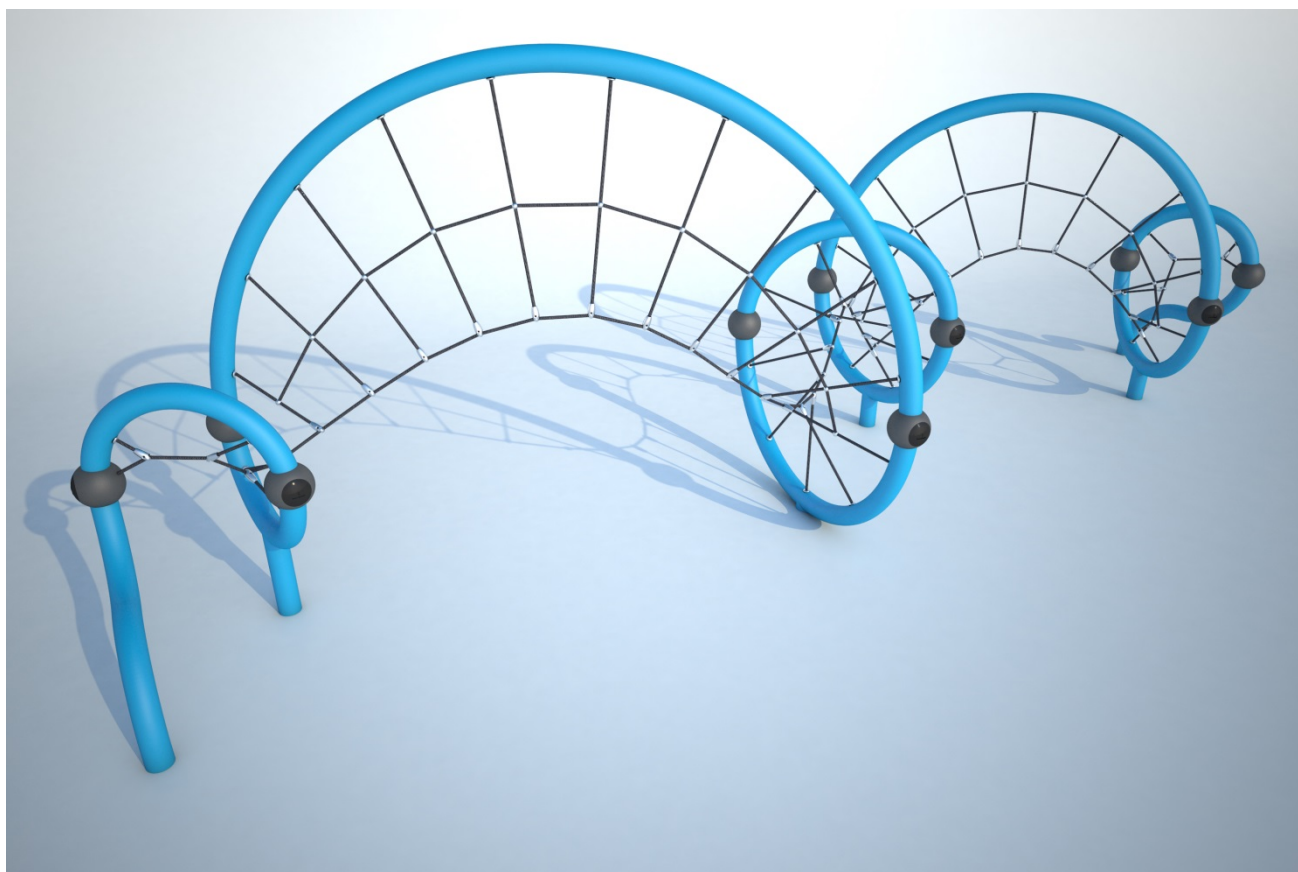


# TWIST.01 - Product Specification



## TWIST.01– 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.01 – At a glance.

Product Family:	<b>TWIST</b>	Number of Foundations:	<b>5 pc.</b>
Children's Age:	<b>5+</b>	Concrete Volume C20/C25:	<b>5,4 m<sup>3</sup></b>
Fall Height (DIN EN 1176):	<b>2,36 m (7'-9")</b>	Number of skilled installers required:	<b>3</b>
Length x Width x Height:	<b>2,9 x 9,2 x 3,2m (9'-6" x 30'-2" x 10'-4")</b>	Installation Time without foundation:	<b>8 h</b>
Protective Surfacing Area (DIN EN 1176):	<b>5,9 x 12,2m</b>	Dimensions of largest part:	<b>4,2 m x 2,10 x 0,2 m</b>
Protective Surfacing Area (ASTM 1487):	<b>6,6 x 12,9m (21'-6" x 42'-2")</b>	Weight of heaviest part:	<b>65 kg</b>
Minimum space required DIN EN 1176:	<b>53,0m<sup>2</sup></b>	Shipping Volume:	<b>8,0m<sup>3</sup></b>
Minimum space required ASTM 1487:	<b>62,8m<sup>2</sup> (676 sq ft)</b>	Spare part guarantee:	<b>Lifelong</b>



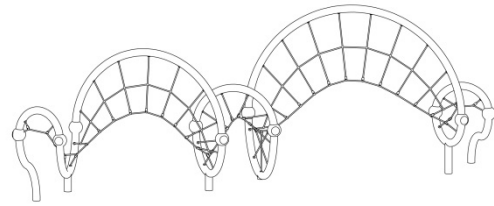
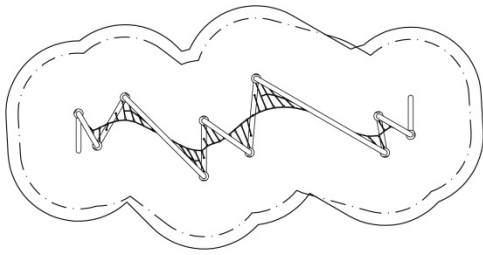
**Berliner Seilfabrik**  
Berliner Seilfabrik GmbH & Co.  
Lengeder Straße 2/4  
13407 Berlin

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

bsf@berliner-seilfabrik.com  
www.berliner-seilfabrik.com



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## 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



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