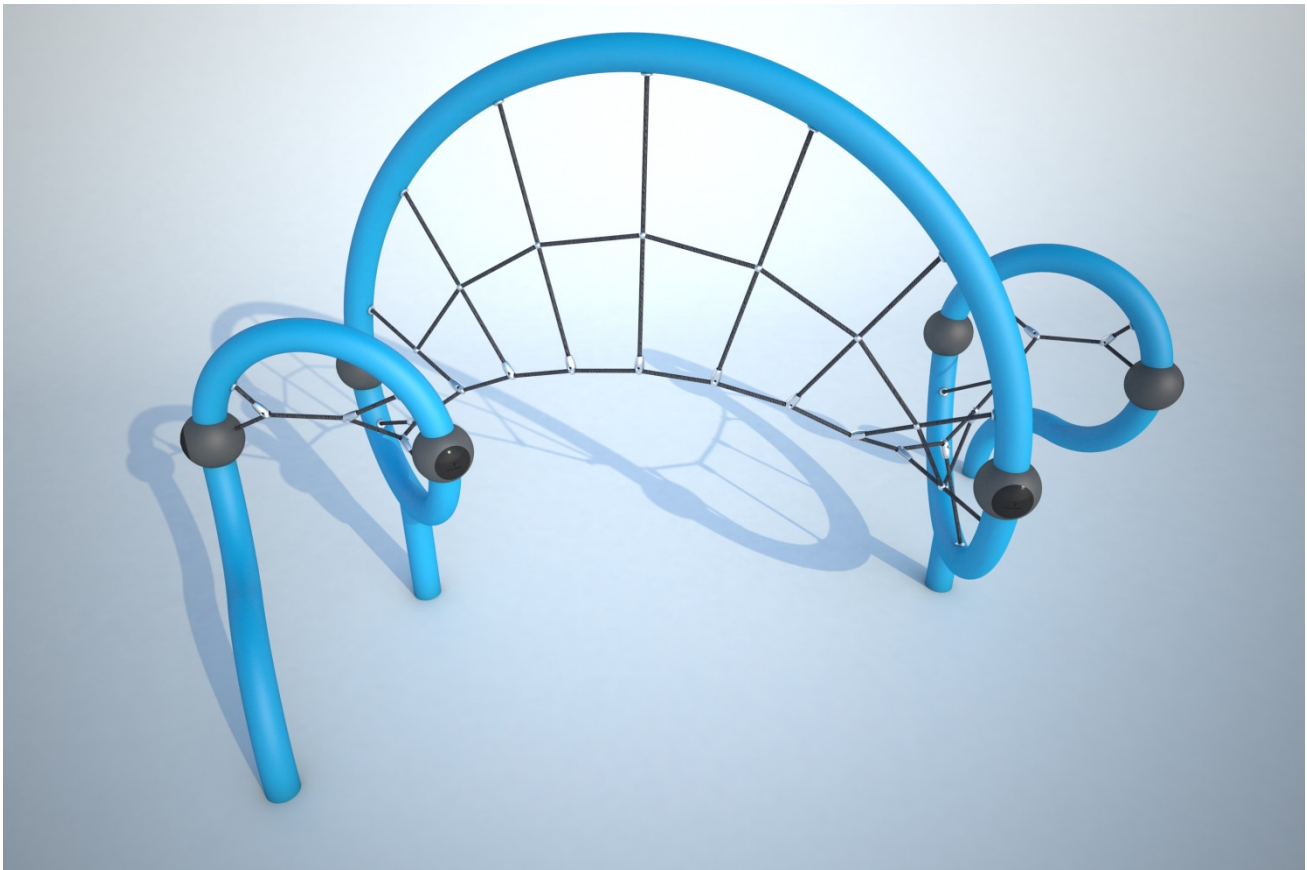


# TWIST.03 - Product Specification



## TWIST.03– 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.03 – At a glance.

Product Family:	<b>TWIST</b>	Number of Foundations:	<b>4 pc.</b>
Item Number:	<b>90.297.003</b>	Concrete Volume C20/C25:	<b>3.0 m<sup>3</sup> (106 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>2.57 m (8'-6")</b>	Installation Time without foundation:	<b>7 h</b>
Length x Width x Height:	<b>2.4 x 5.8 x 2.7 m (7'-10" x 19'-0" x 8'-8")</b>	Dimensions of largest part:	<b>3.2 m x 1.70 x 0.2 m (10'-6" x 5'-7" x 0'-8")</b>
Protective Surfacing Area (DIN EN 1176):	<b>5.4 x 8.8 m</b>	Weight of heaviest part:	<b>50 kg (110.3 lbs)</b>
Protective Surfacing Area (ASTM 1487):	<b>6.1 x 9.5 m (19'-10" x 31'-0")</b>	Shipping Volume:	<b>5.0 m<sup>3</sup> (176.6 ft<sup>3</sup>)</b>
Minimum space required DIN EN 1176:	<b>32.0 m<sup>2</sup></b>	Spare part guarantee:	<b>Lifelong</b>
Minimum space required ASTM 1487:	<b>39.7 m<sup>2</sup> (428 ft<sup>2</sup>)</b>	Certificate according to DIN EN 1176:	<b>Z2 17 09 10256 267 TÜV Product Service</b>

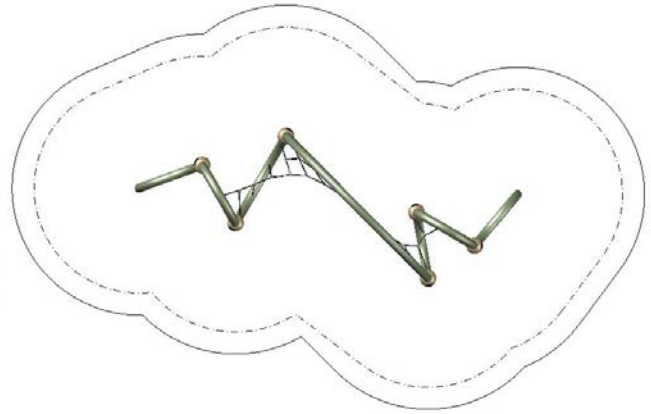
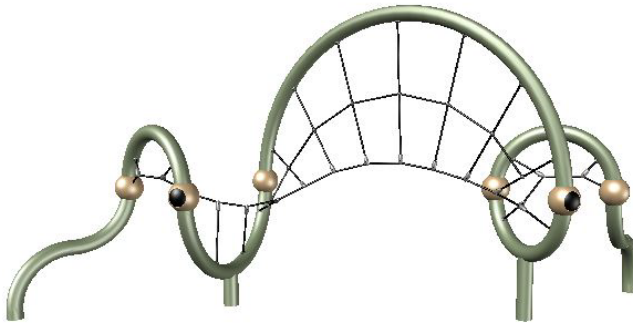
  
**Berliner**  
 Berliner Seilfabrik  
 Play Equipment Corporation  
 96 Brookfield Oaks Drive, Suite 140  
 Greenville, SC 29607

T + 1 864 627 1092  
 F + 1 864 627 1178

[www.berliner-playequipment.com](http://www.berliner-playequipment.com)  
[info@berliner-seilfabrik.com](mailto:info@berliner-seilfabrik.com)



# TWIST.03 - 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  
Play Equipment Corporation  
96 Brookfield Oaks Drive, Suite 140  
Greenville, SC 29607

T + 1 864 627 1092  
F + 1 864 627 1178

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

