

# Shout.03 - Product Specification



## Shout.03– Spiral formed climbing structure with twisted climbing net

During the transition from rope to the pipe at Twist & Shout, the designers and engineers from the Berlin Creative Center have come up with something new. Using the patent pending Charlotte connector end of the rope disappears inside the curved steel tube and is anchored without visible pressings or hook in the tubular structure. The rope ends can be installed easily, adjust and even re-tensioning.

About the design character addition Shout offers numerous add-on elements.

This nearly 50-meter climbing combination contains particularly many extras: climbing a vast network with rubber ramps & mats and drooping climbing ropes and net funnel, also can little adventurers here sliding, swinging and chill out in hammocks.

### Shout.03 – At a glance.

Product Family:	<b>Twist &amp; Shout</b>	Number of Foundations:	<b>16 pc.</b>
Item Number:	<b>95.190.334</b>	Concrete Volume C20/C25:	<b>9.3 m<sup>3</sup> (329 ft<sup>3</sup>)</b>
Children's Age:	<b>5+</b>	Number of skilled installers required:	<b>Upon request</b>
Fall Height (DIN EN 1176):	<b>2.80 m (9'-3")</b>	Installation Time without foundation:	<b>Upon request</b>
Length x Width x Height:	<b>15.7 x 49.7 x 2.8 m (51'-7" x 163'-1" x 9'-3")</b>	Dimensions of largest part:	<b>Upon request</b>
Protective Surfacing Area (DIN EN 1176):	<b>19.6 x 53.6 m</b>	Weight of heaviest part:	<b>Upon request</b>
Protective Surfacing Area (ASTM 1487):	<b>19.1 x 53.4 m (62'-8" x 175'-3")</b>	Shipping Volume:	<b>Upon request</b>
Minimum space required DIN EN 1176:	<b>526.6 m<sup>2</sup></b>	Spare part guarantee:	<b>Lifelong</b>
Minimum space required ASTM 1487:	<b>505.4 m<sup>2</sup> (5441 ft<sup>2</sup>)</b>		

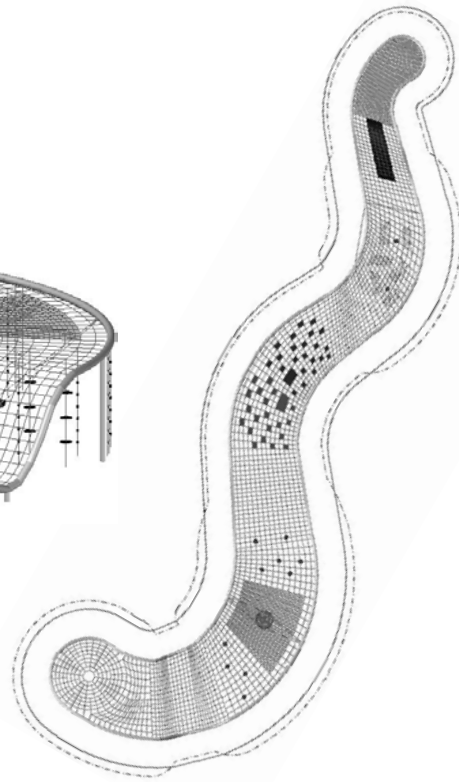
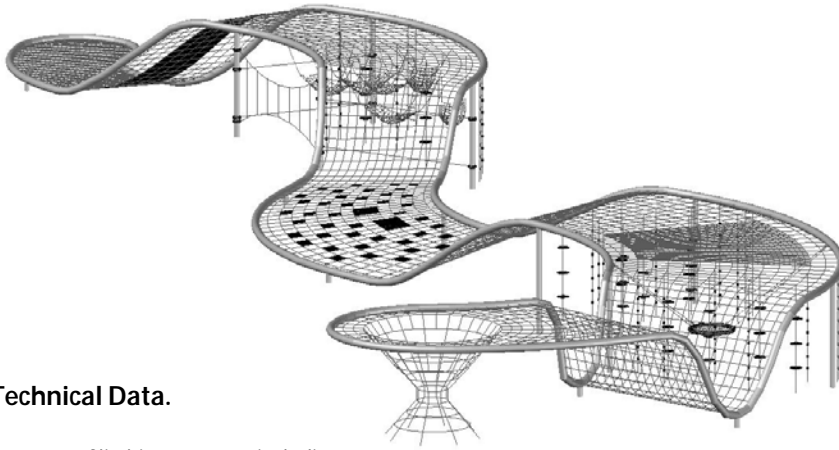
  
**Berliner**  
 Berliner Seilfabrik GmbH & Co.  
 Lengeder Straße 2/4  
 D-13407 Berlin

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

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



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## Technical Data.

- Climbing structure including
- Net funnel
- Rubber ramp
- Rubber membrane
- Rope ladder
- Disk walk
- Nest swing
- Net bag
- Balancing rope with handrail rope
- Harp net

### Arch-structure:

Steel pipes Ø 193.7 mm (7'-6"); wall thickness 12.5 mm (1/2"); anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process

### supporting tubes:

Steel pipes Ø 133 mm (5-1/4"); wall thickness 10 mm (3/8"); anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process

### 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

### Planar net & Net funnel:

Rope Ø 16 - 18 mm (5/8 - 11/16"); mesh size minimum 250 x 250 mm (9-4/5"); rope crossing points localized by durable, drop forged aluminum ballknots (no plastic)

### Rubber ramp:

Rubber comprised of durable, vandal-resistant conveyor belt material; climbing handles: HDPE

### Rubber membrane:

Rubber membrane comprised of durable, vandal-resistant conveyor belt material; rope Ø 16 mm (5/8")

### Disk walk:

HPL-Disks Ø 200 mm: 8 mm (5/16") fixed to the rope Ø 16 mm (5/8") with aluminum ferrules

### Rope ladder:

Rope Ø 16 mm (5/8"); black polyamide rungs: Ø 40 mm (1-3/5")

### Nest swing:

Ø 1,0 m (3'-3 3/8"); galvanized steel ring covered with shock-absorbing material and wrapped with fiber rope (Ø 20 mm); coil: 115 mm x 95 mm; tight-knit net made of Usacord rope (16 mm) is hung into the ring

### Net bag:

Lying surface 195 x 60 cm (6'5" x 2'0"); Rope Ø 16 mm (5/8"); rope crossing points localized by durable, drop forged aluminum ballknots (no plastic)

### Balancing rope:

Ropes Ø 16 mm (5/8"); height of handrail approx. 900 mm (2- 7 1/2"); consists of 1 balancing cable and 1 handrail; rope ends are fixed with cast aluminum Terranos clamps to steel posts

### Harp net:

Two bended edge ropes with five vertical connection cables; all ropes Ø 16 mm (5/8"); connected at four points to steel posts with cast aluminum Terranos clamps

