

Berlin.02 – Product Specification



CombiNation – The clever combination of all play systems

Berliner Seilfabrik offers an endless variety of play systems. But, that's not all: Since all play equipments consist of the same basic modules, the various play systems can easily be combined with each other.

The following play systems are only examples – use the countless design options to create your own unique play combination!

Berlin.02 – At a glance.

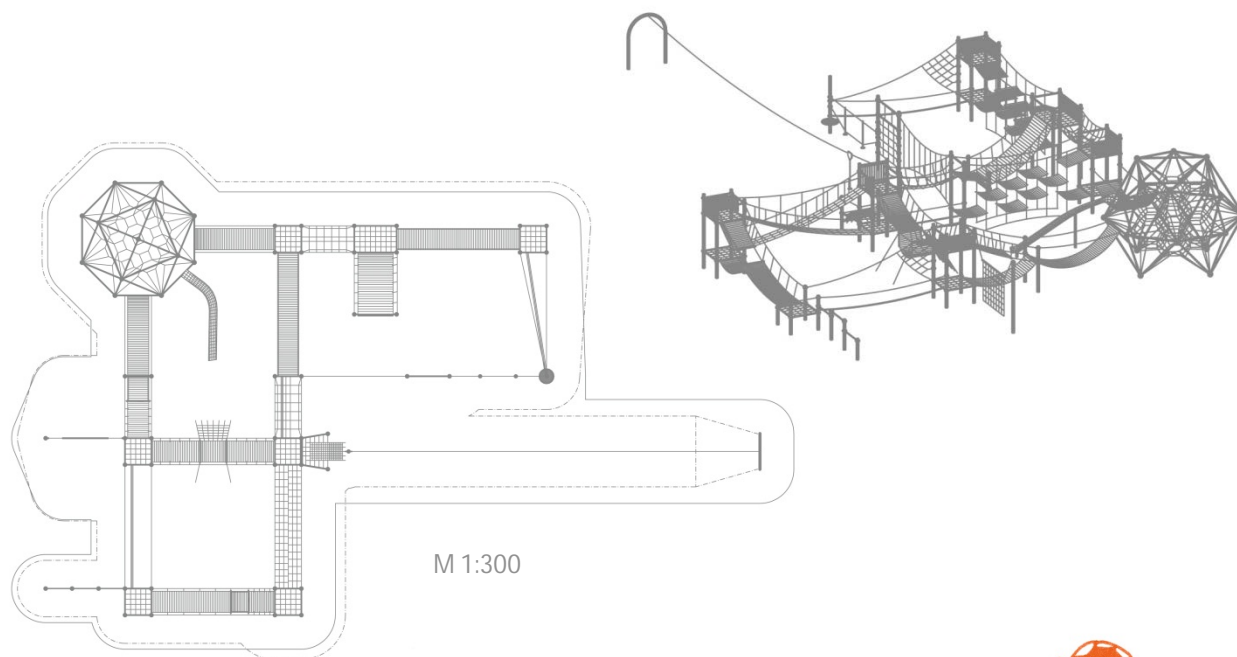
Product Family:	CombiNation	Number of Foundations:	37 pc.
Item Number:	95.170.680	Concrete Volume C20/C25:	34.0 m³ (1,200.7 ft³)
Children's Age:	5+	Number of skilled installers required:	4
Fall Height (DIN EN 1176):	3.00 m (9'-11")	Installation Time without foundation:	24 hours
Length x Width x Height:	40.7 m x 24.7 m x 6.0 m (133'-7" x 80'-11" x 19'-9")	Dimensions of largest part:	0.6 m x 0.7 m x 7.0 m (2'-0" x 2'-4" x 23'-0")
Protective Surfacing Area (DIN EN 1176):	42.2 m x 29.9 m	Weight of heaviest part:	150 kg (330.7 lbs)
Protective Surfacing Area (ASTM 1487):	44.4 m x 28.4 m (145'-7" x 92'-11")	Shipping Volume:	Upon request
Minimum space required DIN EN 1176:	725.0 m²	Spare part guarantee:	Lifelong
Minimum space required ASTM 1487:	751.7 m² (8,091.2 sf)		


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.

The following text can also be used for tenders.

- Spaceball XL
- Curved concave slide
- Speedway
- Horizontal bars
- Terranos® netscape



Spaceball XL:

Members:

Framework-steel pipes, \varnothing 60,3 mm (2 3/8"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.

Nodes:

Framework-aluminum ball connectors, \varnothing 250mm (9-13/16"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process; incorporating an ASTM TT net tensioning system, securely closed with durable ebonite caps.

Ropes:

U-Rope-round strand ropes with steel cores, external strands are covered with non-abrasive UV-resistant Polyester-yarn. Maximum breaking stress 115kN.

Spatial netting:

Rope crossing points are localized with durable, forged aluminum-alloy cloverleaf rings and forged aluminum-alloy ballknots (no plastic connections); in situ-replaceable rope strands (no special tools required).

Concave slide:

Attached curved slide comprised of stainless steel AISI304 (DIN 1.4301); Start height 1500mm (4- 11-1/16").

Speedway:

Cable:

\varnothing 12mm, 17 x 7mm, similar DIN3069+SE with galvanized wires, for a gentle and durable run of the trolley. Robust tension device connected to both cable ends with turnbuckle M20. Heavy-duty stoppers featuring Polyamide-buffers at steel brackets; end station with rubber buffer and robust compression spring.

Trolley:

Enclosed casing made from stainless steel, safety pendulum seat suspended from coated chain.

Starting- (End-) station:

Arched steel construction with uprights 139.7 x 11mm and half-bend tubing 133 x 8.0mm; anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.


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Horizontal bars:

Steel pipes:

1 Frameworkx-steel pipe, \varnothing 60.3 mm (2 3/8"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.

Netscape:

Steel posts Jan:

Steel pipes \varnothing 133 mm (5 1/4") with rounded cast aluminum post top, minimum wall thickness 7,1mm (1/4"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.

Frox-rope connections:

All connections for Terranos-rope elements in Terranos-grid dimension 3000mm (standard linear dimension; 9'- 10 1/8") or 4243mm (diagonal dimension; 13'- 11-1/16") are equipped with Frox-Rope connections that are completely enclosed and free from any entrapment risks.

Planar netting:

Rope crossing points localized by durable, drop forged aluminum-ballknots (no plastic).

Flubber membrane:

Square rubber element to insert into net squares, comprised of durable and vandal-resistant conveyor belt material.

Flubber bridges:

Bridge comprised of durable and vandal-resistant conveyor belt material.

Harp net:

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

Panels:

Birch-/coniferous-multiplex-plywood-panel with 13 layers, thickness 19mm (3/4"), multilayer phenolic-resin-laminated, edges saturated with acrylic resin, both sides painted with split-batch lacquer, panel connected to steel pipes (for more details, see members) with cast aluminum panel clamps.

Steel supports:

Uprights comprised of steel pipes \varnothing 133 mm (5 1/4") with rounded cast aluminum post tops, minimum wall thickness 7.1mm (1/4"); horizontal members comprised of Frameworkx-steel pipes, \varnothing 60.3 mm (2 3/8"); All connections to upright posts are with cast aluminum Terranos clamps; anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.


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