

Tolosa – 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!

Tolosa – At a glance.

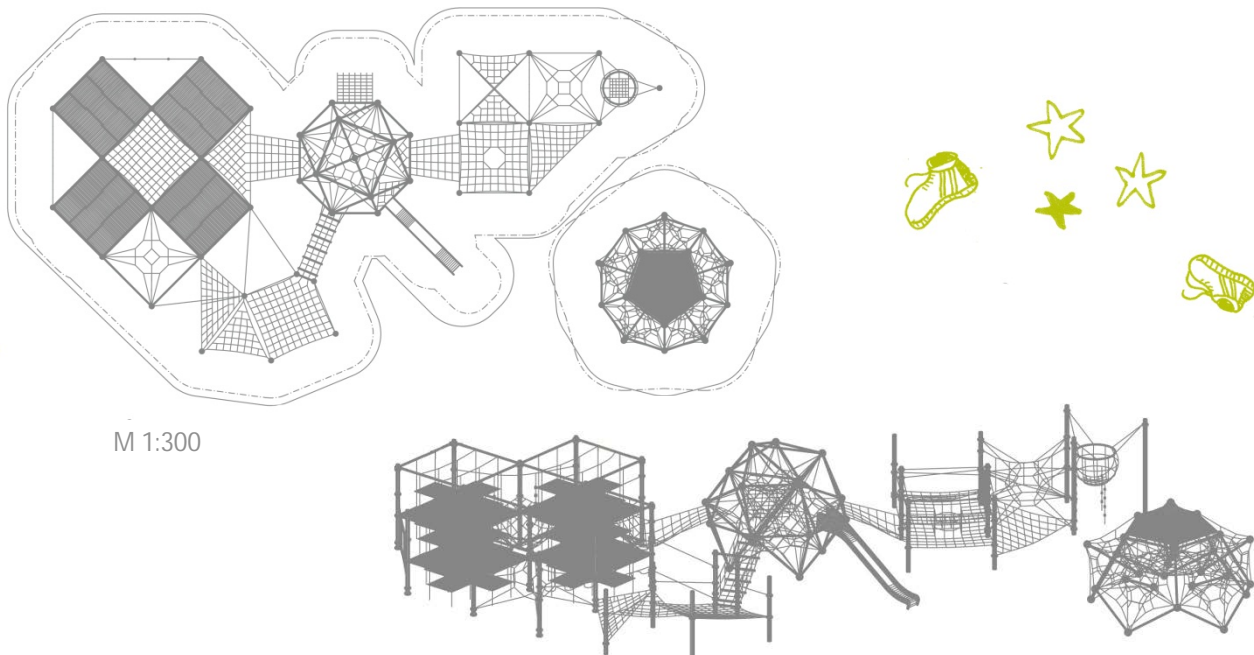
Product Family:	CombiNation	Number of Foundations:	81 pc.
Item Number:	90.180.123	Concrete Volume C20/C25:	14.0 m³ (494.4 ft³)
Children's Age:	5+	Number of skilled installers required:	3
Fall Height (DIN EN 1176):	2.50 m (8'-2")	Installation Time without foundation:	48 hours
Length x Width x Height:	29.3 m x 13.4 m x 4.5 m (44'-0" x 96'-3" x 14'-9")	Dimensions of largest part:	5.0 m x 0.5 m x 2.5 m (16'-5" x 1'-8" x 8'-2")
Protective Surfacing Area (DIN EN 1176):	32.9 m x 16.4 m	Weight of heaviest part:	150 kg (337.7 lbs)
Protective Surfacing Area (ASTM 1487):	17.1 m x 33.0 m (56'-0" x 108'-3")	Shipping Volume:	72.0 m³ (2,542.7 ft³)
Minimum space required DIN EN 1176:	388.7 m²	Spare part guarantee:	Lifelong
Minimum space required ASTM 1487:	412.9 m² (4,444.4 sf)		


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Technical Data.

The following text can also be used for tenders.

- Spaceball L with slide
- UFO M6.01
- Wespennest.110
- Terranos® Netscape

Spaceball L:

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 ASTEM TT net tensioning system, securely closed with durable ebonite caps.

Ropes:

U-Rope-round strand ropes with steel cores, \square 6mm (5/8") with galvanized wires, 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).

Slide:

straight box slide made of stainless steel, the cheeks are welded with stainless steel handrails, afterwards smoothed and polished.

Ufo M6.01

Tube framework:

Framework-steel tubes, \varnothing 60.3 mm (2 3/8"); anticorrosion treatment and color finish: sandblasted and powder-coated.

Nodes:

Framework-aluminum ball connectors, \varnothing 250 mm (9-13/16"); anticorrosion treatment and color finish: sandblasted and powder-coated, securely closed with durable EPDM- caps.

Roof:

HDPE-roof, thickness 19 mm (3/4"), connected to steel pipes with cast aluminum panel clamps.

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Technical Data.

Wespennest.110

Steel posts:

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

Net:

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

Rope ladder:

Width 290 mm (11-7/16"), distance between rungs 250-300 mm (9-13/16" to 11-13/16"), rungs comprised of American ash (alternatively Nylon 6.6), connected to horizontal member of net structure with cast aluminum rope clamps, fixed to the ground with a galvanized anchor plate.

Climbing rope:

Rope \varnothing 21mm (13/16"), vertical rope with worked-in ebonite cylinders, distance between cylinders 250-300mm (9-13/16" to 11-13/16").

Terranos® Netscape

Posts:

Steel pipes \varnothing 133 mm (5 1/4"); wall thickness 5 - 10 mm (3/16" - 3/8") with a round cast aluminum post top; anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process.

Terranos clamps:

Two-part cast aluminum connecting clamps for the height-adjustable connection of rope elements or steel pipes to Terranos steel posts; anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process.

Access net:

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

Rubber membrane:

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

Space cell:

Twelfold suspended 3d-net cell; all suspension cables connected to steel posts with cast aluminum Terranos clamps; rope \varnothing 16 mm (5/8")


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