

CombiNation

Silver Lake Product Specifications


















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Silver Lake

Berliner Seilfabrik offers an endless variety of play systems. Since all play systems consist of the same basic modules, the various play systems can easily be combined with each other, i.e. a Univers Net Structure can be combined with a Trii and then connected to a Terranos netscape via a suspension bridge.

This CombiNation at Silver Lake State Park includes a Trii, connected playfully by a suspension bridge to a Spaceball. Furthermore, the Trii offers access in and out of the tree house by climbing a flexible ladder and sliding pole. With the Spaceball it is easy to add components – on this one, a hammock, access net, slide and ladder complete the set-up.

90.136.124

	Product Family	CombiNation
	Length x Width x Height (m) Length x Width x Height ("'-")	10,4 x 8,6 x 4,7 34-5 x 27-11 x 15-2
	Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ("'-")	13,9 x 12,0 14,3 x 12,3 46-8 x 40-3
	Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("'-")	2,36 7-3
	Age	5
	Minimum Space required acc. to DIN EN 1176 (m²) Minimum Space required acc. to ASTM 1487 (ft²)	109,5 1351
	Number of Foundations	8
	Concrete Volume C20/C25 (m³)	3,52
	Number of skilled Installers required	2-3
	Installation Time without Foundation	16 hours
	Dimensions of largest Part (m)	4,3 x 0,75 x 0,9
	Weight of heaviest Part (kg)	400
	Shipping Volume (m³)	On request
	Total Weight (kg)	On request
	Spare Part Guarantee	Lifelong

The dimensions of the equipment and protective surfacing area have been rounded up to one decimal digit.

Technical Data

The following text can also be used for tenders.

Included Products

- Spaceball L
- Climbing Rope
- Access Net
- Transition Net
- Hammock
- Rope Ladder
- Trii 2
- Sliding Pole
- Fast Lane Slide

Posts:

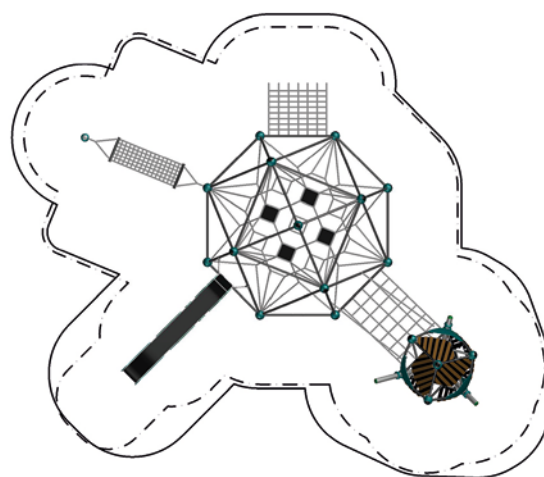
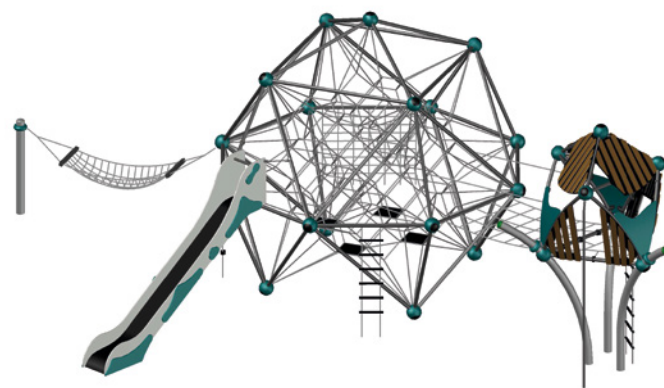
The partially slightly bent steel posts with a diameter of Ø 133 mm (5 ¼") and wall thicknesses of 2 - 10 mm (⅛" - ⅜") are thermally galvanised to protect against corrosion and, if desired, can be powder-coated in colour using a solvent-free epoxy/ polyester/ process. In addition, they are sealed watertight with rounded aluminium caps or aluminium balls.

Tubes:

The Frameworx® stainless steel tubes with a diameter of Ø 60,3 mm (2 ⅜") and a thicknesses of 2 - 10 mm (⅛" - ⅜") are sandblasted and powder-coated solvent-free to protect against corrosion. They are connected mainly by Frameworx® aluminium balls.

Balls:

The Frameworx® aluminium balls with a diameter of Ø 250 mm (9 13⁄16") are sandblasted and powder-coated solvent-free to protect against corrosion. In combination with spatial nets, they are also equipped with the internal, patented clamping system AstemTT®. They are securely sealed with durable EPDM lenses.



Terranos Clamp:

The two-part Terranos® aluminium clamps are used in conjunction with the Frox connection for the height-adjustable connection of the ropes to the steel posts. When connecting stainless steel chains and steel posts, the clamps with Chrox connection are used.

Ropes:

U-Rope®-round strand ropes with galvanised steel cores and diameters of Ø 16 mm (⅝") and Ø 18 mm (⅞"). The external strands are covered with high abrasion-resistant and highly UV-resistant polyester-yarn (no Polypropylene).

Spatial Net & Planar Nets:

The net structures are fixed at the rope crossing points by durable aluminium parts such as cloverleaf ring, forged ball knot, T-connectors and barrel-ferrule (no plastic). Spatial nets are low in follow-up costs due to individually replaceable rope strands.

Hammock:

A planar net between stainless steel rungs. The rope crossing points are fixed with aluminium ball knots.



Climbing Rope:

A rope with a diameter of Ø 18 mm (1 1/16") and climbing knots made of durable hard rubber cylinders. The distance between the cylinders is approx. 300 mm (11 13/16"). The climbing knots are fixed to the rope by aluminium press clamps.

Rope Ladder:

A rope with a diameter of Ø 16 mm (5/8") and black rungs made of resistant polyamide round material with Ø 40 mm (1 5/16").

Access Net:

A planar net with a rope diameter of Ø 16 mm (5/8") and a mesh size of at least 250 x 250 mm (9 13/16" x 9 13/16"). The rope crossing points are fixed by durable aluminium ball knots (no plastic). They are attached to the pipe by Frameworx® aluminium clamps and to the ground by stainless steel chains in combination with foundation plates.

Sliding Pole:

A Frameworx® stainless steel tube with a diameter of Ø 40 mm (1 5/16") and a wall thickness of 5 mm (3/16") is connected to the main unit by a Frameworx® aluminium ball (Ø 250 mm (9 13/16")) and a bent part of a Frameworx® stainless steel tube (Ø 60,3 mm (2 3/8")).



HDPE Roof and Wall Panels:

Dyed HDPE panels with a thickness of 19 mm (3/4") for the roofs and straight, 2-coloured walls and 10 mm (3/8") for the bent side walls. The surface is grained and all edges are rounded. The attachment is made by cast aluminium pipe clamps to the tubes in the main frame.

Bamboo Panels:

Bamboo strips 90 mm (3 1/2") mounted on HDPE-panels with 19 mm (3/4") thickness and rounded edges, attached to the tubes of the framework with aluminium plate clamps.

Rubber Mats:

The rubber mats of the Spaceball consist of durable and vandalism-proof conveyor belt.

Fast Lane Slide:

Straight box slide made of coloured and grained HDPE panels with a thickness of 19 mm (3/4"), variably milled and built up in layers. All visible fittings are hidden by HDPE or bamboo elements. The substructure consists of stainless steel tubes with a diameter of Ø 60,3 mm (2 3/8") and pressed-in threaded discs.