

# Combi.01 - Product Specification



## Combi – Greenville rope play house combination

Combi.01 – Greenville Rope-play house Bam.01 with an elevenfold suspended spatial net (rope diameter Ø18mm), bamboo panels, access membrane and a concave curved slide. Equipped with the AstemTT net tensioning system. Greenville lookout with a rope ladder and a climbing-rope and bamboo panels plus an access bridge.

### Combi.01 – at a glance.

Product Family:	<b>Greenville</b>	Number of Foundations:	<b>5 pc.</b>
Item Number:	<b>90.293.001</b>	Concrete Volume C20/C25:	<b>2.2 m<sup>3</sup></b>
Children's Age:	<b>5+</b>	Number of skilled installers required:	<b>3</b>
Fall Height (DIN EN 1176):	<b>2.00 m (6'-7")</b>	Installation Time without foundation:	<b>16 h</b>
Length x Width x Height:	<b>12.5 x 7.2 x 4.7 m</b> <b>(40'-9" x 23'-6" x 15'-2")</b>	Dimensions of largest part:	<b>6.0 m x 2.1 m x 1.5 m</b> <b>(19'-9" x 6'-11" x 4'-12")</b>
Protective Surfacing Area (DIN EN 1176):	<b>15.9 x 10.5m</b>	Weight of heaviest part:	<b>120 kg (264.6 lbs)</b>
Protective Surfacing Area (ASTM 1487):	<b>16.4 x 11.0m</b> <b>(53'-7" x 35'-11"ft)</b>	Shipping Volume:	<b>upon request</b>
Minimum space required DIN EN 1176:	<b>89.46 m<sup>2</sup></b>	Spare part guarantee:	<b>Lifelong</b>
Minimum space required ASTM 1487:	<b>99.10 m<sup>2</sup></b>	Certificate according to DIN EN 1176:	<b>Z1A 13 06 10256 094</b> <b>TÜV Product Service</b>

  
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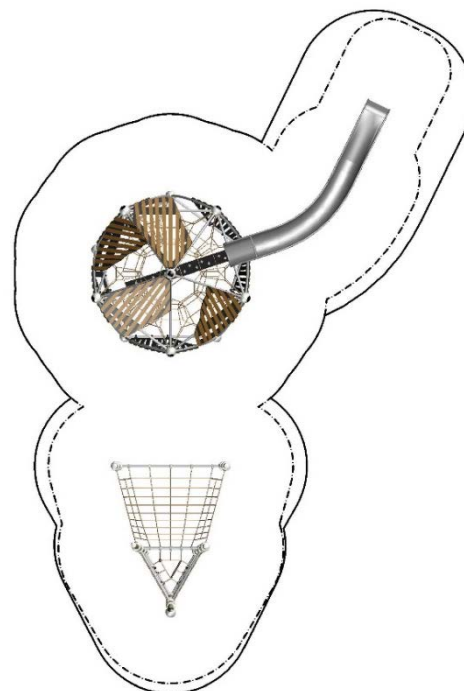
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## Technical Data.

The following text can also be used for tenders.

- Bam.01 with an elevenfold suspended spatial net, bamboo panels and an concave curved slide.
- Splash with Rope ladder, climbing rope and an access net

### Tube framework:

A combination of straight and bended stainless steel Frameworkx-®tubes, Ø 60.3 m (2 3/8"); the tubes are connected to build an oblated icosahedron space framework

### Nodes:

Frameworkx-aluminum ball connectors; Ø 250 mm (9-13/16"); anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process; incorporating 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); Ø 16- 18 mm (5/8" - 11/16")

### 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); rope Ø 18 mm (11/16")

### Bamboo panels:

Bamboo strips 90 mm, (3 1/2") mounted at a particle board made from HDPE, 19 mm (3/4") thickness, rounded edges, mounted with aluminum plate clamps to the tubes of the framework

### Steel posts:

Steel pipes Ø 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.

Cross tubes made of stainless steel Frameworkx-®tubes, Ø 60.3 m (2 3/8"), material AISI304 (DIN 1.4301).

### Access net:

Rope Ø 16 mm (5/8"), mesh size 300 x 300mm (11-13/16"x11-13/16"), rope crossing points localized by durable, drop forged aluminum-ballknots (no plastic).

### Climbing rope:

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

### Rope ladder:

Rope Ø 16 mm (5/8"); step material: nylon, black Ø 41mm (1 1/2") 350mm length (1'-2").

### Handrail rope:

Rope Ø 16 mm (5/8"), rope ends are fixed with cast aluminum Terranos clamps (to the outer steel support).

### Railing rope:

Rope Ø 16 mm (5/8"), rope ends are fixed with cast aluminum Terranos clamps (to the outer steel support).

### Attached slide:

Rope Ø 21mm (13/16") Curved concave slide made of stainless steel AISI304 (DIN 1.4301), the cheeks are welded with stainless steel handrails, afterwards smoothed and polished. Start height 2000mm (6'-7"); width 600mm (1'- 11 1/2"), connected to the tube at the framework with BSF-aluminum-slide clamps. The gap between the slide and the spatial net is bypassed with a flat net.



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