

Combi.02 - Product Specification



Combi – Greenville rope play house combination

Combi.02 – Big Greenville Rope-play house with a spatial net (rope diameter Ø18mm), bamboo panels, and a curved Banister including a climbing tower with access net and straight concave slide, connected by a long rubber bridge.

Combi.02 – at a glance.

Product Family:	Greenville	Number of Foundations:	9 pc.
Item Number:	90.293.002	Concrete Volume C20/C25:	4.2 m³
Children's Age:	5+	Number of skilled installers required:	3
Fall Height (DIN EN 1176):	2.22 m (7'-4")	Installation Time without foundation:	20 h
Length x Width x Height:	17.51 x 7.97 x 4.61 m (57'-6" x 26'-2" x 15'-2")	Dimensions of largest part:	6.0 m x 1.3 m x 0.6 m (19'-9" x 6'-11" x 4'-12")
Protective Surfacing Area (DIN EN 1176):	20.52 x 11.35m	Weight of heaviest part:	110 kg (264.6 lbs)
Protective Surfacing Area (ASTM 1487):	21.33 x 11.90m (70'-0" x 39'-1"ft)	Shipping Volume:	14.0 m³
Minimum space required DIN EN 1176:	121.98 m²	Gross weight	1950 kg (4300 lbs)
Minimum space required ASTM 1487:	138.13 m² (1477sf)	Spare part guarantee:	Lifelong
		Certificate according to DIN EN 1176:	Z1A 13 06 10256 094 TÜV Product Service



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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
- Splash with Rope ladder, climbing rope, access net and a straight concave slide.
- Flubber bridge

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 ASTEM 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")

Spacial 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")

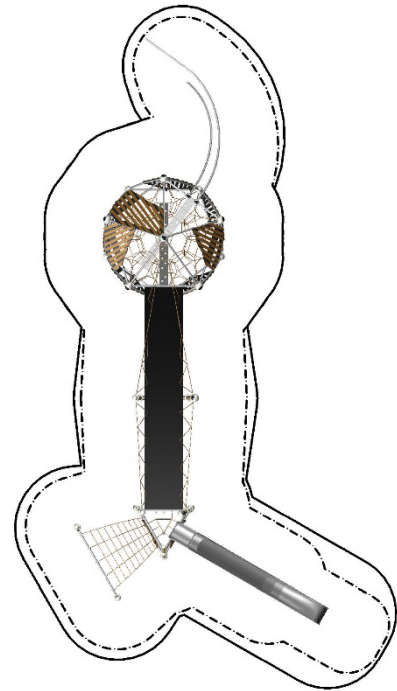
Bamboo panels:

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).



Banister:

Curved stainless steel pipes, Ø 60.3 mm (2 3/8"); material AISI304 (DIN 1.4301), connected to the main structure with Frameworkx-aluminum ball connectors, Ø 200mm (7 9/10").

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:

Straight 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.

Flubber bridge:

Laying surface comprised of durable, vandal-resistant conveyor belt material.



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