

Combi.23 - Product Specification



Combi – Greenville rope play house combination

Combi.23 – Big Greenville tree house combination with three TRII variants (2x TRII 2 & 1x TRII 3) connected to each other with net tunnels. Add ons are two access nets, sliding pole, ladder and Banister.

Combi.23 – at a glance.

Product Family:	Greenville	Number of Foundations:	10 pc.
Item Number:	90.293.023	Concrete Volume C20/C25:	5.89 m³
Children's Age:	5+	Number of skilled installers required:	4
Fall Height (DIN EN 1176):	2.99 m (6'-7")	Installation Time without foundation:	20 h
Length x Width x Height:	10.9 x 9.15 x 5.13 m (35'-9" x 30'-1" x 16'-11")	Dimensions of largest part:	4.0 m x 0.8 m x 0.2 m (13'-2" x 2'-8" x 0'-8")
Protective Surfacing Area (DIN EN 1176):	13.99 x 12.15m	Weight of heaviest part:	65 kg (143.3 lbs)
Protective Surfacing Area (ASTM 1487):	14.55 x 12.81m (47'-9" x 42'-1")	Shipping Volume:	12.0m³
Minimum space required DIN EN 1176:	105.12 m²	Gross weight:	1800 kg (3968,4 lbs)
Minimum space required ASTM 1487:	118.15 m² (1273 sf)	Spare part guarantee:	Lifelong
		Certificate according to DIN EN 1176:	Z2 16 01 10256 253 TÜV Product Service

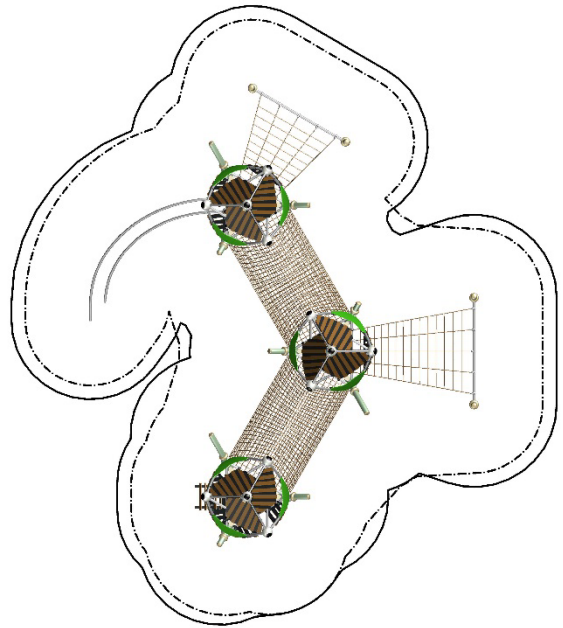
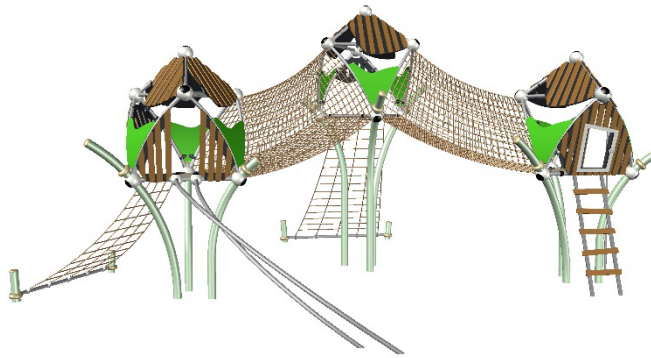

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Technical Data.

The following text can also be used for tenders.

- Two TRII 2 with access net, Banister, sliding pole, ladder and bamboo panels
- TRII 3 with access net and bamboo panels
- Two net tunnels as connection elements

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")

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 (1-11/16"x11-13/16"), rope crossing points localized by durable, drop forged aluminum-ballknots (no plastic).

Banister:

Collateral straight 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")

Ladder:

Ladder flange made out of stainless steel profile 60x20mm (2-3/8"x 3/4"), steps made out of Bamboo strips 90mm, (3 1/2").

Sliding pole:

Stainless steel pipe, Ø 40 mm (1 1/2"); material AISI304 (DIN 1.4301), connected to the main structure at a Frameworkx-aluminum ball connector, Ø 250mm (9 13/16").

Net tunnel:

Net tunnel with in situ-replaceable square rungs; rungs comprised of stainless steel profile AISI304 (DIN 1.4301) with aluminum end cap; rope Ø 16 mm (5/8"); mesh size minimum 250 x 250 mm (9-4/5"); rope crossing points localized by durable, drop forged aluminum ballknots (no plastic); safety net comprised of stainless steel net, Ø 4 mm, mesh size 40 x 40 mm

