

# 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:	<b>Greenville</b>	Number of Foundations:	<b>10 pc.</b>
Item Number:	<b>90.293.023</b>	Concrete Volume C20/C25:	<b>5.89 m<sup>3</sup></b>
Children's Age:	<b>5+</b>	Number of skilled installers required:	<b>4</b>
Fall Height (DIN EN 1176):	<b>2.99 m (6'-7")</b>	Installation Time without foundation:	<b>20 h</b>
Length x Width x Height:	<b>10.9 x 9.15 x 5.13 m</b> <b>(35'-9" x 30'-1" x 16'-11")</b>	Dimensions of largest part:	<b>4.0 m x 0.8 m x 0.2 m</b> <b>(13'-2" x 2'-8" x 0'-8")</b>
Protective Surfacing Area (DIN EN 1176):	<b>13.99 x 12.15m</b>	Weight of heaviest part:	<b>65 kg (143.3 lbs)</b>
Protective Surfacing Area (ASTM 1487):	<b>14.55 x 12.81m</b> <b>(47'-9" x 42'-1")</b>	Shipping Volume:	<b>12.0m<sup>3</sup></b>
Minimum space required DIN EN 1176:	<b>105.12 m<sup>2</sup></b>	Gross weight:	<b>1800 kg (3968,4 lbs)</b>
Minimum space required ASTM 1487:	<b>118.15 m<sup>2</sup> (1273 sf)</b>	Spare part guarantee:	<b>Lifelong</b>
		Certificate according to DIN EN 1176:	<b>Z2 17 02 10256 261</b> <b>TÜV Product Service</b>

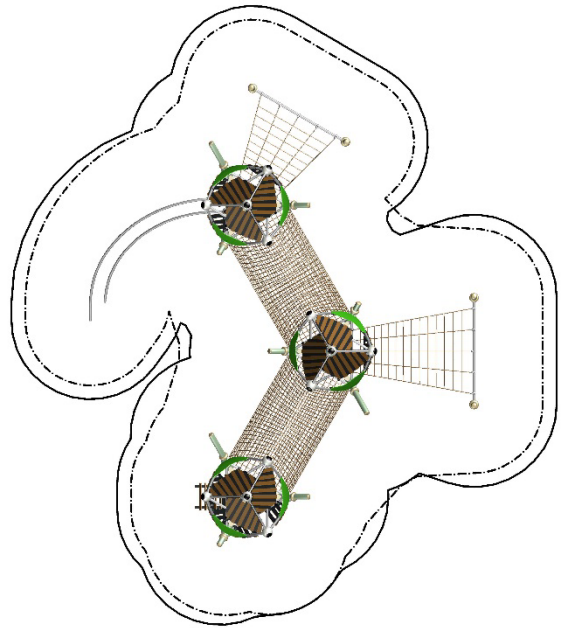
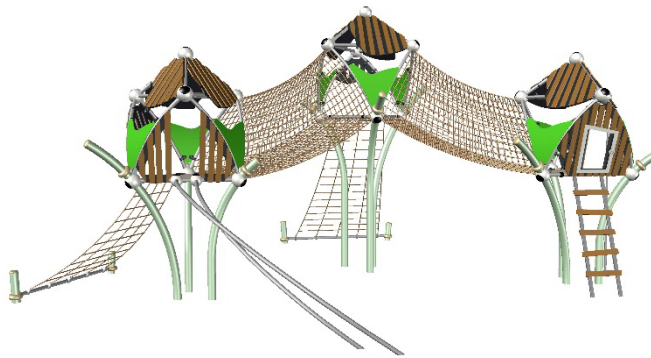
  
**Berliner**  
 Berliner Seilfabrik  
 Play Equipment Corporation  
 96 Brookfield Oaks Drive, Suite 140  
 Greenville, SC 29607

T + 1 864 627 1092  
 F + 1 864 627 1178

[www.berliner-playequipment.com](http://www.berliner-playequipment.com)  
[info@berliner-seilfabrik.com](mailto:info@berliner-seilfabrik.com)



# Combi.23 - Product Specification



## 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 Frameworx-®tubes, Ø 60.3 m (2 3/8"); the tubes are connected to build an oblated icosahedron space framework

### Nodes:

Frameworx-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 Frameworx-®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 (1-13/16"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 Frameworx-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 Frameworx-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

  
**Berliner**

Berliner Seilfabrik  
Play Equipment Corporation  
96 Brookfield Oaks Drive, Suite 140  
Greenville, SC 29607

T + 1 864 627 1092  
F + 1 864 627 1178

www.berliner-playequipment.com  
info@berliner-seilfabrik.com

