

Cambridge.03 – Product Specification



CombiNation – The clever combination of all play systems

Berliner Seilfabrik offers an endless variety of play systems. But, that's not all:

Since all play equipments consist of the same basic modules, the various play systems can easily be combined with each other.

The following play systems are only examples – use the countless design options to create your own unique play combination!

Cambridge.03 – At a glance.

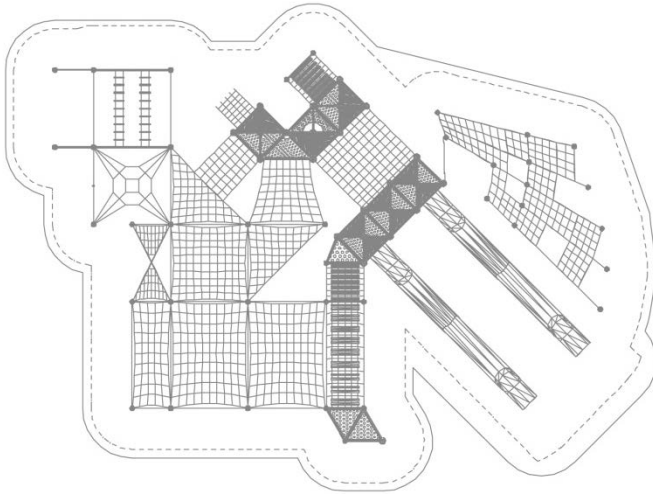
Product Family:	CombiNation	Number of Foundations:	65 pc.
Item Number:	95.170.448	Concrete Volume C20/C25:	18.3 m³ (646.3 ft³)
Children's Age:	5+	Number of skilled installers required:	4
Fall Height (DIN EN 1176):	2.00 m (6'-7")	Installation Time without foundation:	22 hours
Length x Width x Height:	21.7 m x 15.3 m x 5.8 m (71'-0" x 50'-2" x 19'-1")	Dimensions of largest part:	0.8 m x 0.8 m x 8.7 m (2'-7" x 2'-7" x 28'-7")
Protective Surfacing Area (DIN EN 1176):	24.7 m x 18.3 m	Weight of heaviest part:	300 kg (661.4 lbs)
Protective Surfacing Area (ASTM 1487):	25.8 m x 19.0 m (84'-6" x 62'-2")	Shipping Volume:	Upon request
Minimum space required DIN EN 1176:	332.0 m²	Spare part guarantee:	Lifelong
Minimum space required ASTM 1487:	366.1 m² (3,940.7 sf)		


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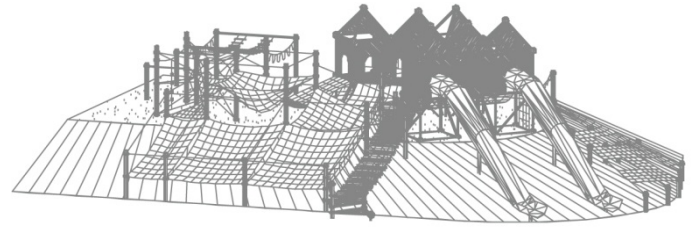
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M 1:300



Technical Data.

The following text can also be used for tenders.

- Terranos® netscape
- Hand-over-hand ladder and loop-rope
- Space cell
- Chin-up bars
- Quadropolis towers with access nets
- Tunnel slide
- Transfer bridge




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Terranos® netscape:

Steel posts Jan:

Steel pipes \varnothing 133 mm (5 1/4") with rounded cast aluminum post top, minimum wall thickness 7.1mm (1/4"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.

Frox-rope connections:

All connections for Terranos-rope elements in Terranos-grid dimension 3000mm (standard linear dimension; 9'- 10 1/8") or 4243mm (diagonal dimension; 13'- 11-1/16") are equipped with Frox-Rope connections that are fully enclosed and free from any entrapment risks.

Terranos clamps:

Two-part cast aluminum clamps for the height-adjustable connection between rope elements or steel pipes to Terranos steel posts.

Ropes:

U-Rope-round strand ropes with galvanized steel cores, \varnothing 16mm (5/8") – unless otherwise noted; external strands are covered with non-abrasive UV-resistant Polyester-yarn.

Planar netting:

Rope crossing points localized by durable, drop forged aluminum-ballknots (no plastic).

Folded net:

A double-triangular net, mesh size 300x300mm (11-13/16"x11-13/16"), fastened at four points.

Trapeze net:

A trapezoid planar net with 6m² (appr. 65 square foot), mesh size 300x300mm (11-13/16"x11-13/16"), fastened at four points.

Hand-over-hand-ladder:

Width 290mm (11-7/16"), distance between rungs 250-300mm (9-13/16" to 11-13/16"), rungs comprised of American ash (alternatively Nylon 6.6).

Hand-over-hand rope loops:

All ropes \varnothing 21mm (13/16"), length per loop 300 – 350mm (11-13/16" - 13 3/4").

Space cell:

Twelffold suspended 3d-net cell, all suspension cables connected to steel posts with cast aluminum Terranos clamps.

Chin-up-bars:

Comprises of stainless steel pipe 40x5.0mm (1-9/16" x 3/16") AISI304 (DIN 1.4301).



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Quadropolis towers:

Members:

Framework-steel pipes, \varnothing 60.3 mm (2 3/8"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.

Nodes:

Framework-aluminum ball connectors, \varnothing 250mm (9-13/16"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process; incorporating an ASTEM TT net tensioning system, securely closed with durable ebonite caps.

Panels:

HDPE-panel, thickness 19mm (3/4"), panel connected to steel pipes (for more details, see members) with cast aluminum panel clamps.

Steel supports:

Uprights comprised of steel pipes \varnothing 133 mm (5 1/4") with rounded cast aluminum post tops, minimum wall thickness 7.1mm (1/4"); horizontal members comprised of Framework-steel pipes, \varnothing 60.3 mm (2 3/8"); All connections to upright posts are with cast aluminum Terranos clamps; anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.

Tube Slides:

Attached slides comprised of stainless steel AISI304 (DIN 1.4301).

Transfer bridge:

Steel posts Jan:

Steel pipes \varnothing 133 mm (5 1/4") with rounded cast aluminum post top, minimum wall thickness 7.1mm (1/4"); anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.

Transfer bridge:

Small meshed Net bridge with double in situ-replaceable square rungs; rungs comprised of stainless steel profile AISI304 (DIN 1.4301) with aluminum end caps.

Transfer station:

Three uprights of steel pipe, \varnothing 133 mm (5 1/4"), horizontal members comprised of Framework-steel pipes, \varnothing 60.3 mm (2 3/8"); with two triangular platform panels (for more, see panels), one handle as transfer support is connected to one post. All connections to upright posts with cast aluminum Terranos clamps; anticorrosion treatment and color finish: sandblasting and zinc-/ epoxy-/ polyester-process.



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