

Spaceball L.02 – Product Specification



Univers – Classics among rope playground equipment

Net structures offer hours of fun and adventure on several levels – climbing and swinging, up and down, horizontally and vertically – space on earth.

The original spatial nets: Born over 40 years ago as a play concept, continuously further developed in form and detail, still popular even after several generations.

Spaceball L.02 – at a glance.

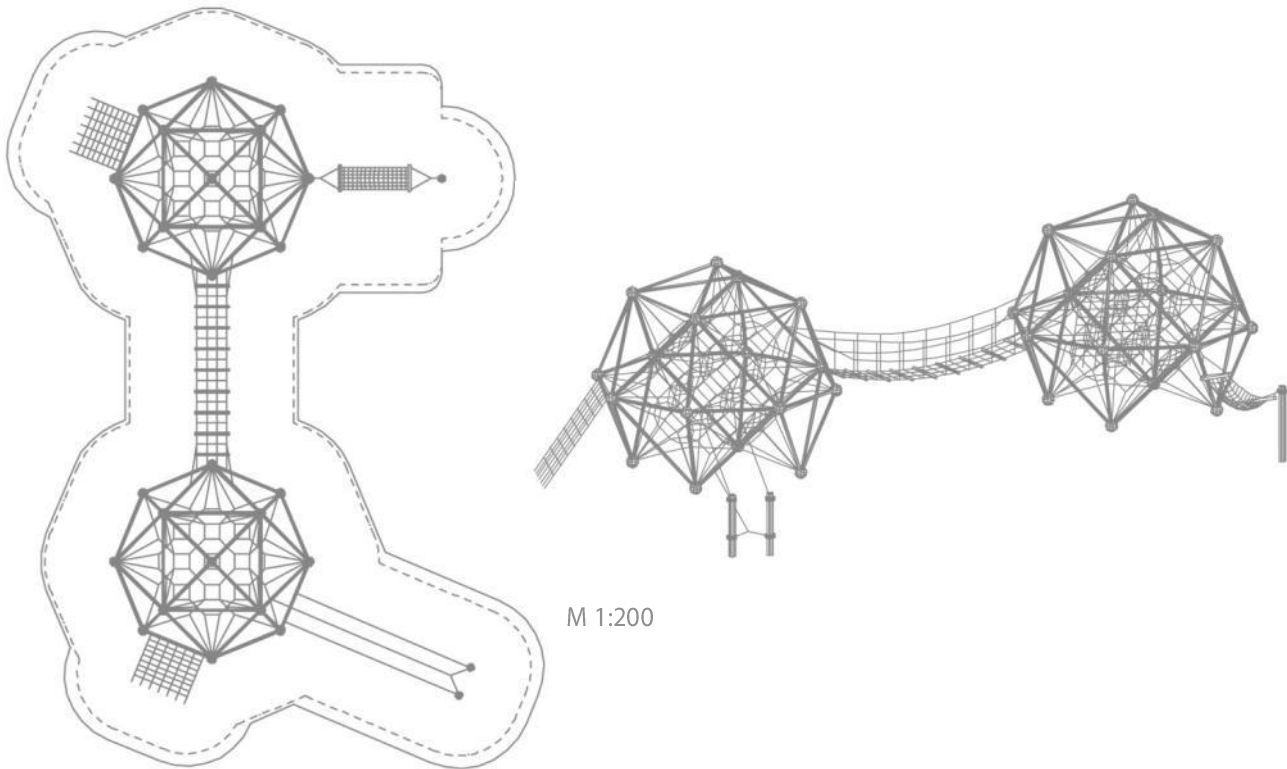
Product Family:	Univers	Number of Foundations:	14 pc.
Item Number:	90.136.007	Concrete Volume C20/C25:	6.0 m³ (211.9 ft³)
Children's Age:	5+	Number of skilled installers required:	3
Fall Height (DIN EN 1176):	1.84 m (6'-1")	Installation Time without foundation:	10 hours
Length x Width x Height:	16.5 m x 10.5 m x 4.5 m (54'-2" x 34'-2" x 14'-9")	Dimensions of largest part:	Ø 0.1 m x 2.6 m (Ø 0'-4" x 8'-6")
Protective Surfacing Area (DIN EN 1176):	19.7 m x 13.5 m	Weight of heaviest part:	150 kg (330.7 lbs)
Protective Surfacing Area (ASTM 1487):	20.1 m x 14.2 m (65'-12" x 46'-6")	Shipping Volume:	8,5 m³ (300.2 ft³)
Minimum space required DIN EN 1176:	166.0 m²	Spare part guarantee:	Lifelong
Minimum space required ASTM 1487:	180.0 m² (1,937.5 sf)	Certificate according to DIN EN 1176:	No.: Z2 16 01 10256 246 TÜV Product Service


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Technical Data.

The following text can also be used for tenders.

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- 2 Access net
- Suspension bridge
- Hammock
- Balancing rope

Tube frameworks:

Framework-steel tubes, \varnothing 60.3 mm (2 3/8"); anticorrosion treatment and color finish: sandblasting and free 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 ASTM TT net tensioning system, securely closed with durable ebonite caps.

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.

Spatial netting:

Rope crossing points localized by durable, drop forged aluminum-cloverleaf rings; in situ-replaceable rope lines (no special tools required).Seil:


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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 Frameworkx-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.

Balancing rope:

Ropes \varnothing 16mm (5/8"), height of handrail approx. 900mm (2- 7 1/2') rope ends are fixed with cast aluminum Terranos clamps (to the outer steel support) or with 600kg-shackles (to the net structure).

Access net:

Access net, width 1500mm (59-1/16"), mesh width 250 x 250mm, connected to horizontal member of module with cast aluminum rope clamps.

Hammock:

Hammock net with mesh width 100 x 130mm (3-15/16" x 5 1/8"), with two in situ-replaceable square rungs; rungs comprised of stainless steel profile AISI304 (DIN 1.4301) with aluminum end caps; The short sides are suspended from cables and hinged between the node of the net structure and a steel support. The swivel joints are attached to the suspension cables at two flexible points, thus preventing the netting from rolling over.

Suspension bridge:

Net bridge with in situ-replaceable square rungs; rungs comprised of stainless steel profile AISI304 (DIN 1.4301) with aluminum end caps; width and railing height 800mm (31 1/2"), ends fixed with cast aluminum Terranos clamps (outer tread cables and railing net connected to steel support) or with 600kg-shackles (to net structure and inner tread cables connected to steel support).


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