

Spaceball M.01 – 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 M.01 – at a glance.

Product Family:	Univers	Number of Foundations:	8 pc.
Item Number:	90.134.066	Concrete Volume C20/C25:	3.4 m³ (120.1 ft³)
Children's Age:	5+	Number of skilled installers required:	3
Fall Height (DIN EN 1176):	1.95 m (6'-5")	Installation Time without foundation:	10 hours
Length x Width x Height:	10.0 m x 5.3 m x 3.6 m (33'-0" x 17'-3" x 12'-0")	Dimensions of largest part:	Ø 0.1 m x 2.6 m (Ø 0'-4" x 8'-6")
Protective Surfacing Area (DIN EN 1176):	13.0 m x 8.6 m	Weight of heaviest part:	150 kg (330 lbs)
Protective Surfacing Area (ASTM 1487):	13.7 m x 8.9 m (45'-0" x 29'-1")	Shipping Volume:	8.5 m³ (300.2 ft³)
Minimum space required DIN EN 1176:	76.9 m²	Spare part guarantee:	Lifelong
Minimum space required ASTM 1487:	87.2 m² (938.6 sf)	Certificate according to DIN EN 1176:	No.: Z2 16 01 10256 246 TÜV Product Service


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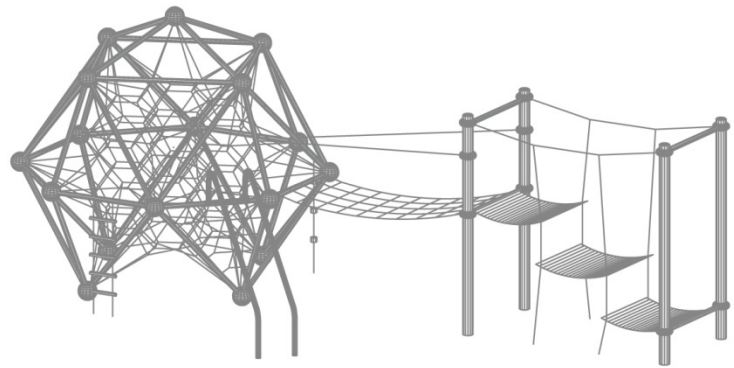
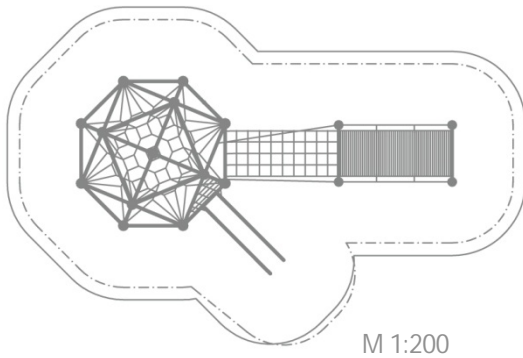
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Revision: March 2016

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Technical Data.

The following text can also be used for tenders.

- Spaceball M
- Rope ladder
- Banister
- Flubber access
- Transition net



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.

Rope:

U-Rope®-round strand ropes with steel cores, \square 6mm (5/8") with galvanized wires, external strands are covered with non-abrasive UV-resistant Polyester-yarn. Maximum breaking stress 115kN.

Spatial 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 ladder:

Width 290 mm (11-7/16"), distance between rungs 250-300 mm (9-13/16" to 11-13/16"), rungs comprised of American ash (alternatively Nylon 6.6), connected to horizontal member of net structure with cast aluminum rope clamps, fixed to the ground with a galvanized anchor plate.

Banister:

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

Steel Posts:

Terranos®-Steel pipes \varnothing 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..

Flubber membrane:

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

Transition net:

U-Rope®-round strand ropes with steel cores, length 5 m (16'-5"), width ~ 80 cm, height of handrail ~ 80 cm (2'-7"), pedestal consists of 2 Terranos®-posts with 7.1 mm (0'-3") wall thickness.