

## 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.

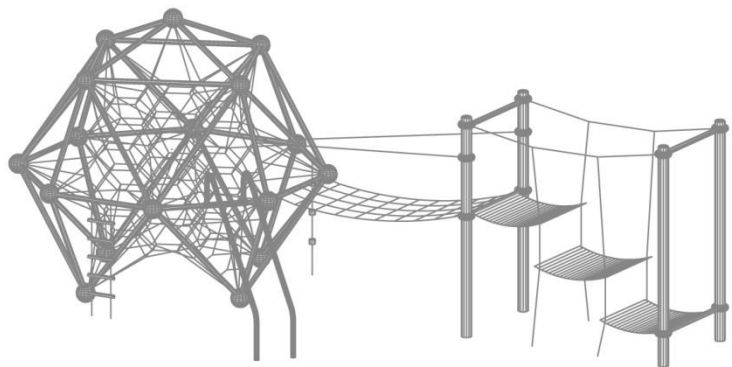
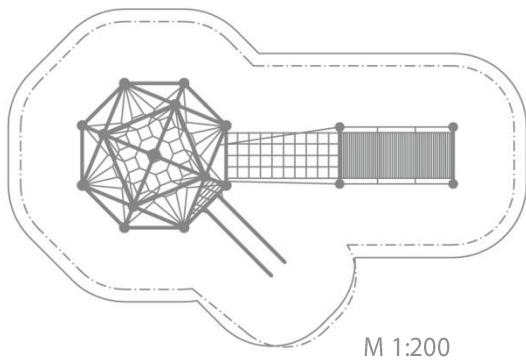
Product Family:	<b>Univers</b>	Number of Foundations:	<b>8 pc.</b>
Item Number:	<b>90.134.066</b>	Concrete Volume C20/C25:	<b>3.4 m<sup>3</sup> (120.1 ft<sup>3</sup>)</b>
Children's Age:	<b>5+</b>	Number of skilled installers required:	<b>3</b>
Fall Height (DIN EN 1176):	<b>1.95 m (6'-5")</b>	Installation Time without foundation:	<b>10 hours</b>
Length x Width x Height:	<b>10.0 m x 5.3 m x 3.6 m (33'-0" x 17'-3" x 12'-0")</b>	Dimensions of largest part:	<b>Ø 0.1 m x 2.6 m (Ø 0'-4" x 8'-6")</b>
Protective Surfacing Area (DIN EN 1176):	<b>13.0 m x 8.6 m</b>	Weight of heaviest part:	<b>150 kg (330 lbs)</b>
Protective Surfacing Area (ASTM 1487):	<b>13.7 m x 8.9 m (45'-0" x 29'-1")</b>	Shipping Volume:	<b>8.5 m<sup>3</sup> (300.2 ft<sup>3</sup>)</b>
Minimum space required DIN EN 1176:	<b>76.9 m<sup>2</sup></b>	Spare part guarantee:	<b>Lifelong</b>
Minimum space required ASTM 1487:	<b>87.2 m<sup>2</sup> (938.6 sf)</b>	Certificate according to DIN EN 1176:	<b>No.: Z2 16 01 10256 246 TÜV Product Service</b>

  
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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,  $\varnothing$  16mm (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.