

Quadrifol.03

Univers



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Product Specification

Univers showcases see-through outer frame structures with three-dimensional nets inside. This includes classic forms like the Spaceball and Neptun. But also in the Joe Brown Collection, the three-dimensional network found a new home in The Globe or The Cube – the first wooden spatial net structures. All tensioning points are provided with the patented AstemTT tensioning system. This ensures that no technical connecting elements or rope loops are located in the play area.

Bursts of energetic climbing, spinning, sliding, and dangling interspersed with areas perfect for hitting the pause button – the flubber pods give children an opportunity to rest and recharge. Of course, the Chess Board Arc is an exciting challenge for those who want to jump and sway!

71.133.003

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|  | Product Family | Univers |
|  | Length x Width x Height (m) Length x Width x Height ("") | 13,8 x 11,1 x 3,8 45-3 x 36-5 x 12-6 |
|  | Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ("") | 16,8 x 14,1 17,5 x 14,8 57-3 x 48-5 |
|  | Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("") | 2,97 9-9 |
|  | Age | 5 |
|  | Minimum Space required acc. to DIN EN 1176 (m²) Minimum Space required acc. to ASTM 1487 (ft²) | 133,4 1551,2 |
|  | Number of Foundations | 26 |
|  | Concrete Volume C20/C25 (m³) Concrete Volume C20/C25 (ft³) | 13,2 470 |
|  | Number of skilled Installers required | 3 |
|  | Installation Time without Foundation | 16 hours |
|  | Dimensions of largest Part (m) Dimensions of largest Part ("") | 4,3 x 1,8 x 0,14 14-2 x 5-11 x 0-6 |
|  | Weight of heaviest Part (kg) Weight of heaviest Part (lbs) | 150 330 |
|  | Shipping Volume (m³) Shipping Volume (ft³) | 19 330 |
|  | Total Weight (kg) Total Weight (lbs) | 3700 8200 |
|  | Spare Part Guarantee | Lifelong |

The dimensions of the equipment and protective surfacing area have been rounded up to one decimal digit.

Technical Data

Technical changes are reserved.
The following text can also be used for tenders.

Bent Tubes:

Galvanized bent steel post Ø 133 mm (5 1/4"). Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

Spheres:

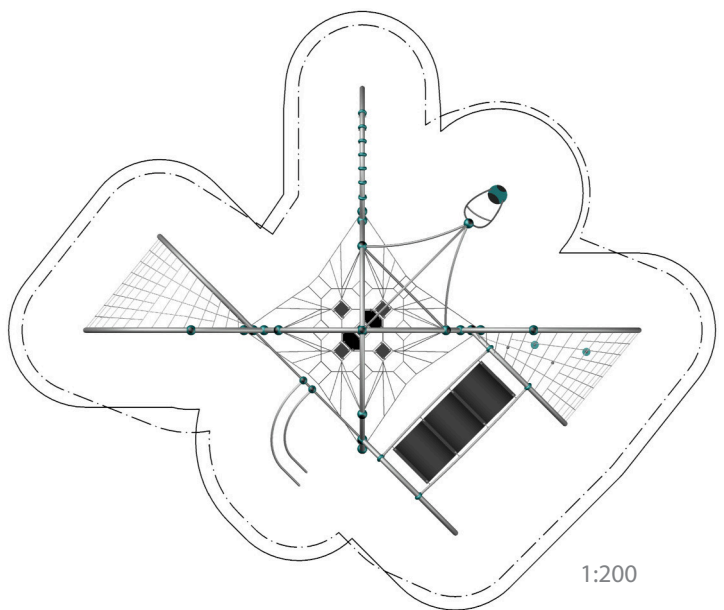
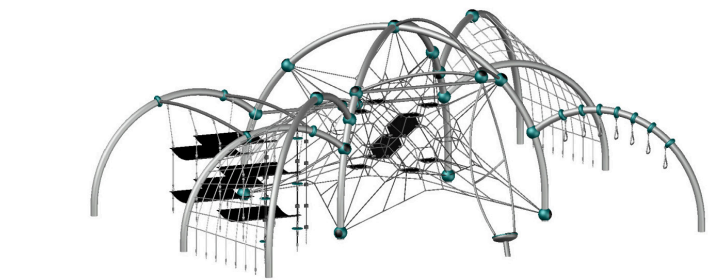
Frameworkx®- aluminum ball connectors, Ø 250 mm (9 13/16"). Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process. The ball incorporates a post connection system. The construction prevents the direct contact of the wooden posts with the ground. Securely closed with durable EPDM-caps.

Terranos®- Clamps:

Two-part cast aluminum connecting clamps for the height-adjustable connection of rope elements or steel pipes to Terranos®- steel posts. Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

Curved Banister:

Curved Frameworkx®- stainless steel pipes Ø 60,3 mm (2 3/8"), wall thickness 2,9 mm (1/8"). Connected to the main structure with two Frameworkx®- aluminum ball connectors Ø 200mm (7 7/8") with embedded fastening system.



Duck Jibe:

Curved Frameworkx®- stainless steel pipes Ø 42,4 mm (1 1/4"), wall thickness 2,9 mm (1/8"). Lubricated, antifriction reciprocal bearings, connected to the main framework with a Frameworkx®- aluminum ball connector, Ø 250mm (9 13/16"). The standing platform is comprised of grained HDPE, 19 mm thick. The turning bearing construction located in the ground consists of Frameworkx®- stainless steel pipe retainers.

Ropes:

U-Rope®-round strand ropes with galvanized and covered wires. External strands with non-abrasive UV-resistant polyester-yarn (no polypropylene), Ø 16 mm (5/8").

Planar Nets:

Rope Ø 18 mm (11/16"), mesh size minimum 250 x 250 mm (10" x 10"). Rope crossing points localized by durable, drop forged aluminum ballknots (no plastic). Net attachment to the tubes with Charlotte-Connector.

Spatial Net:

Rope crossing points are localized with durable, drop forged aluminum cloverleaf rings and drop forged aluminum ballknots / aluminum-ferrules (no plastic connections). In situ-replaceable rope strands (no special tools required). Rope Ø 18 mm (11/16").

Charlotte Connector:

Internal fastening system for single rope endings at the arch tubes. The fixing works without hooks or visible ferrules, pre-prepared net segments can easily get fixed permanent but replaceable inside the tubes.

Climbing Rope:

Vertical ropes with durable ebonite cylinders, rope diameter 20 mm (13/16"). Suspended from horizontal rope connected to steel posts. Distance between cylinders approx. 300 mm (11 13/16'), ebonite cylinders are fixed to the rope with aluminum ferrules.

Rocking Plates:

HDPE-Disks Ø 200 mm (7 7/8"), milled from 19 mm HDPE panels. The edges are rounded. Fixed to the rope Ø 16 mm (5/8") with aluminum ferrules.

Rubber Membrane:

Rubber membrane comprised of durable, vandal-resistant conveyor belt material. Thickness approx. 9mm (3/8").