

Neptun.20 – 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.

Neptun.20 – At a glance.

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|--|--|--|---|
| Product Family: | Univers | Number of Foundations: | 7 pc. |
| Item Number: | 90.141.211 | Concrete Volume C20/C25: | 2.7 m³ (95.4 ft³) |
| Children's Age: | 5+ | Number of skilled installers required: | 4 |
| Fall Height (DIN EN 1176): | 1.85 m (6'-1") | Installation Time without foundation: | 8 hours |
| Length x Width x Height: | 15.4 m x 7.4 m x 5.7 m (50'-6" x 19'-9" x 18'-5") | Dimensions of largest part: | 9.0 m x 0.8 m x 0.8 m (29'-7" x 2'-8" x 2'-8") |
| Protective Surfacing Area (DIN EN 1176): | 10.6 m x 18.8 m | Weight of heaviest part: | 160 kg (353 lbs) |
| Protective Surfacing Area (ASTM 1487): | 16.6 m x 10.7 m (54'-6" x 35'-2") | Shipping Volume: | Upon request |
| Minimum space required DIN EN 1176: | 166.0 m² | Spare part guarantee: | Lifelong |
| Minimum space required ASTM 1487: | 176.4 m² (1,898.8 sf) | | |

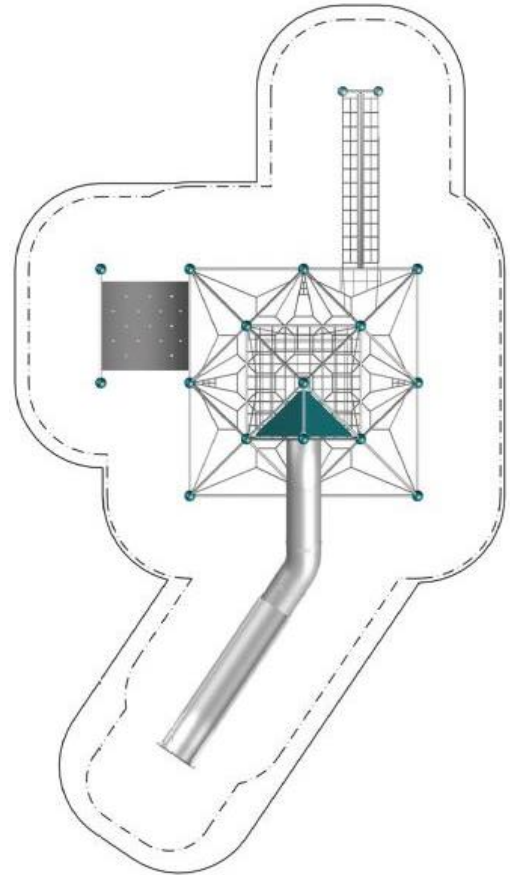
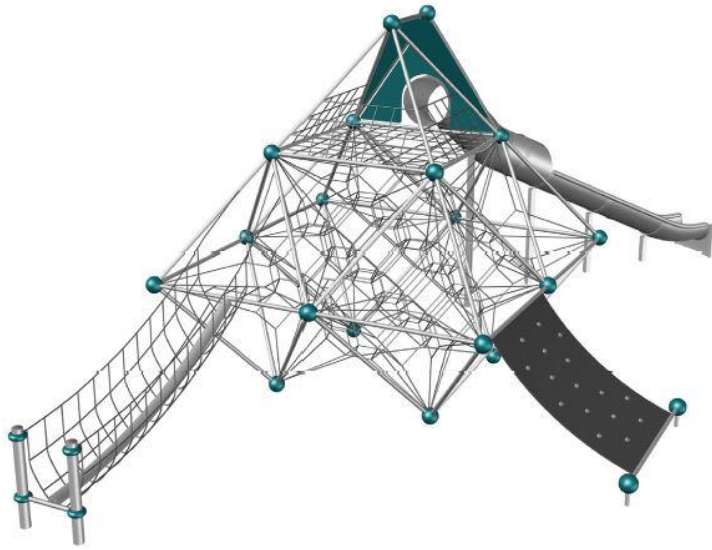



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Technical Data.

The following text can also be used for tenders.

- Neptun
- Jungle bridge
- Rubber ramp
- Curved tube slide

Members:

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

Nodes:

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

Ropes:

U-Rope®-round strand ropes with galvanized steel cores, \varnothing 5/8" (16 mm); external strands are covered with high abrasion resistant and 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).

Planar netting:

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

Posts:

Steel pipes \varnothing 133 mm (5 1/4"); wall thickness 5 - 10 mm (3/16" - 3/8") with a round cast aluminum post top; anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process

HDPE Panels:

HDPE plates as wall panels made of abrasion-proofed plastic (t=19mm; t=3/4").

Curved slide:

Attached to one of the entrance panels, comprised of plastic or stainless steel AISI304 (DIN 1.4301) with curve

Rubber ramp:

Rubber comprised of durable, vandal-resistant conveyor belt material; rope \varnothing 16 mm (5/8"); climbing handles: HDPE

Jungle bridge:

Bridge with thick walk rope comprised of Polypropylene-cordage, \varnothing 150 mm (5 7/8"); with steelcore \varnothing 12 mm (1/2"), external PP-winding and ends durable stabilized with shrink-rubber sleeves at regular intervals; net comprised of rope \varnothing 16 mm (5/8"); rope crossing points localized by durable, drop forged aluminum ballknots (no plastic)


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