PentaBoo M

Greenville

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Product Specification

Our special product group, Greenville, adds an element of natural design with the addition of bamboo panels. Tree houses, rope Playhouses or towers can be used as stand-alone structures or else linked by bridges, tunnels and other elements. With the Triis you can create entire individual treehouse settlements. The Rope Playhouses Triitopia and Bam & Boo convince with their spatial nets on the inside.

The combination of a Greenville playhouse and our Pentagode creates the "Pentaboo," delivering an exceptional play experience at height. Positioned on the central mast, the playhouse becomes a distinctive meeting point and a highlight of the structure.

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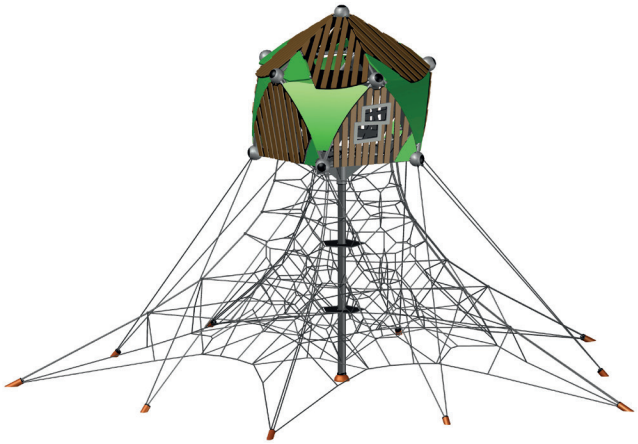
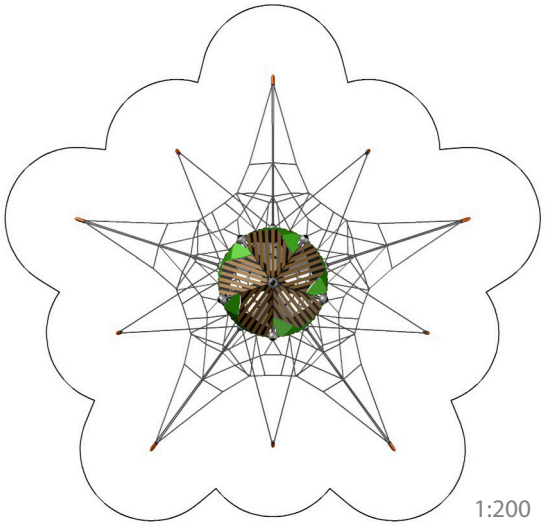
91.200.022

Product Family	**Greenville**
Length × Width × Height (m) Length × Width × Height ('-")	**10,5 × 10,0 × 6,2** **34-5 × 32-9 × 20-4**
Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ('-")	**13,5 × 13,0** **14,2 × 13,7** **46-5 × 44-9**
Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ('-")	**0,92** **6-0**
Age	**5-12**
Minimum Space required acc. to DIN EN 1176 (m^2) Minimum Space required acc. to ASTM 1487 (ft^2)	**116,1** **1421,6**
Number of Foundations	**11**
Concrete Volume C20/C25 (m^3) Concrete Volume C20/C25 (ft^3)	**10,4** **367,3**
Number of skilled Installers required	**3**
Installation Time without Foundation	**9 hours**
Dimensions of largest Part (m) Dimensions of largest Part ('-")	**0,2 × 0,2 × 3,7** **0-6 × 0-6 × 12-2**
Weight of heaviest Part (kg) Weight of heaviest Part (lbs)	**210** **462,3**
Shipping Volume (m^3) Shipping Volume (ft^3)	**13,5** **476,8**
Total Weight (kg) Total Weight (lbs)	**2355,0** **5191,9**
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.

Central Mast:
Terranos® steel post 133 mm (5 ¼"), wall thickness 5 mm (3/16"), anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

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 16 mm (5/8").

Tube Framework Boo:
A combination of straight and bended stainless steel Frameworx®- tubes, Ø 60,3 mm (2 3/8"). The tubes are connected to build an oblated icosahedron space framework.

Bamboo Panels:
Bamboo strips 90 mm (3 1/2") width, mounted on a supporting board made from HDPE, 19 mm (3/4") thickness, rounded edges. Mounted with cast aluminum clamps to the tubes of the framework.

Spheres:
Frameworx®- 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 an embedded fastening system. Securely closed with durable EPDM-caps.

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").