Pentagode L

Polygodes

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Product Specification

There is enough space in our central mast play structures for children to enjoy the thrill of playing at great heights simultaneously. Our Polygodes are available in three basic forms, each varying in its number of anchor points. Both the Tetragode and Trigode models exhibit classic, architecturally influenced lines. The Trigode's rope net is anchored into the ground at three points, whereas – as its name suggests – the Tetragode extends from the central mast outwards in four directions to create its play space. The shape of the Pentagode offers even more space in which to climb. Its pagoda-like proportions lend an exotic touch to any playscape.

Its spreader bars extend outwards from the central steel mast, supporting five double ropes and giving the structure its characteristic appearance.

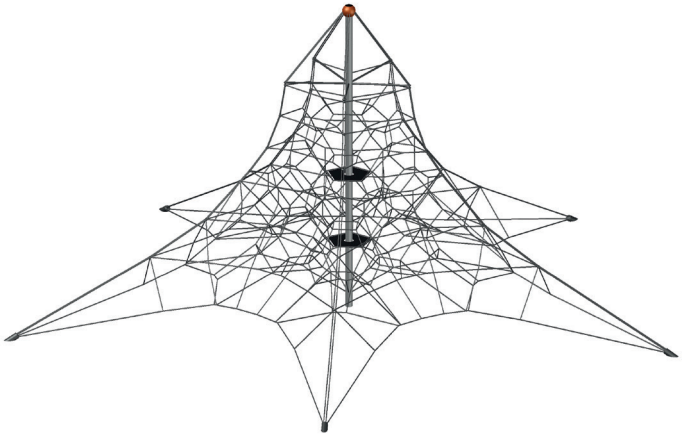
The Pentagode L offers a spacious three-dimensional climbing structure with a wide range of play opportunities across multiple levels. The generously tensioned net extends from the central mast to the outer anchor points, creating a varied movement space with different degrees of challenge.

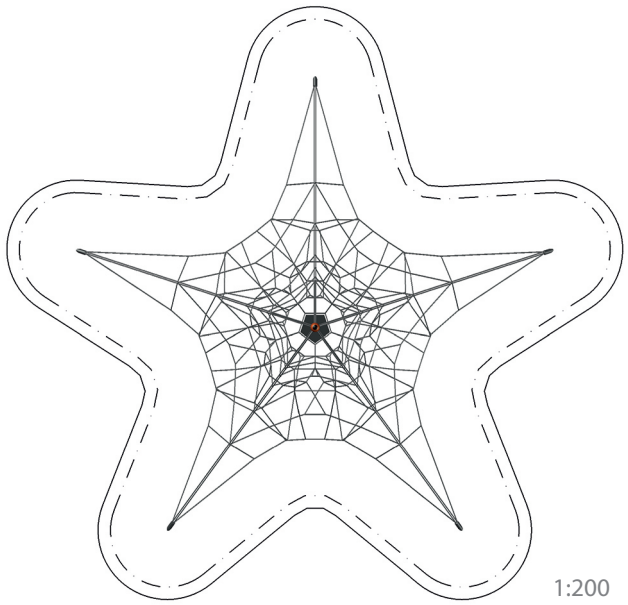
Pentagode L

91.200.030

Product Family	**Polygodes**
Length × Width × Height (m) Length × Width × Height ('-")	**12,6 × 12,0 × 6,1** **41-5 × 39-4 × 20-0**
Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ('-")	**15,6 × 15,0** **16,3 × 15,7** **53-5 × 51-4**
Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ('-")	**1,10** **6-0**
Age	**5**
Minimum Space required acc. to DIN EN 1176 (m^2) Minimum Space required acc. to ASTM 1487 (ft^2)	**124,2** **1539,3**
Number of Foundations	**6**
Concrete Volume C20/C25 (m^3) Concrete Volume C20/C25 (ft^3)	**5,5** **194,2**
Number of skilled Installers required	**2**
Installation Time without Foundation	**9 hours**
Dimensions of largest Part (m) Dimensions of largest Part ('-")	**0,2 × 0,2 × 5,8** **0-8 × 0-8 × 19-1**
Weight of heaviest Part (kg) Weight of heaviest Part (lbs)	**210,0** **463,0**
Shipping Volume (m^3) Shipping Volume (ft^3)	**5,7** **201,3**
Total Weight (kg) Total Weight (lbs)	**1020,0** **2248,7**
Spare Part Guarantee	**Lifelong**

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





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Technical Data

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

Central Mast:
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.

Mast Node:
Frameworx®- aluminum ball connector Ø 250 mm (9 13/16"). Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process. With inlying net tensioning system, secured with a durable EPDM-cap.

External Bracing Cables:
Two parallel U-Rope®-round strand ropes with steel cores, galvanized wires surround the core, external strands covered with non-abrasive UV-resistant Polyester-yarn, Ø 16 mm (5/8"), load to failure is 65 kN per cable.

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").

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").