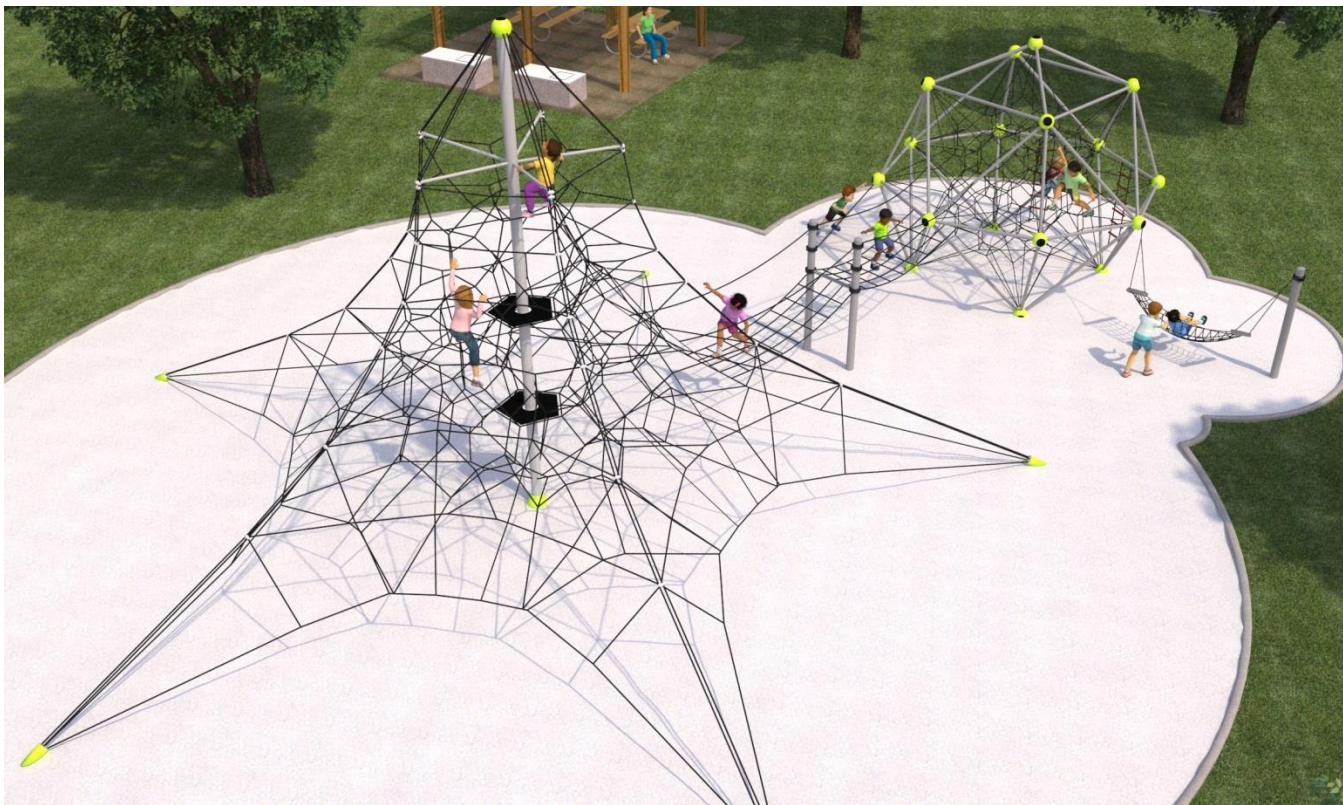


Pentagode XL.01 – Product Specification



Pentagode – Plenty of room to play right to the top

The Pentagode offers children the excitement of climbing high with plenty of space for lots of children to play.

The Pentagode is designed for playing and climbing right to the top. Its pagoda-like proportions set an original accent in the playscape that is eye-catching and play motivating in a magical way.

Pentagode XL.01 –At a glance.

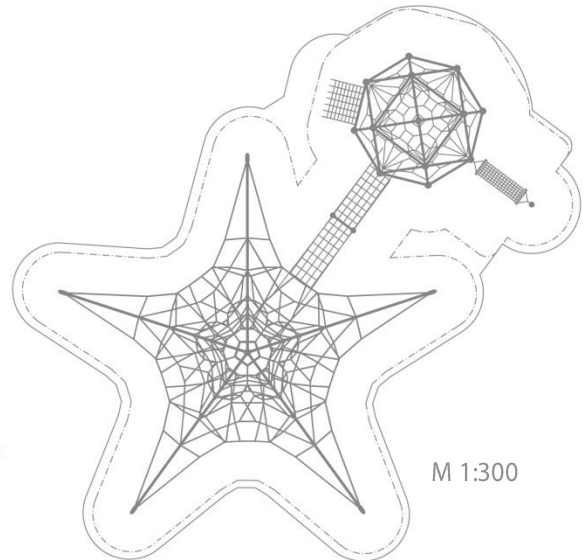
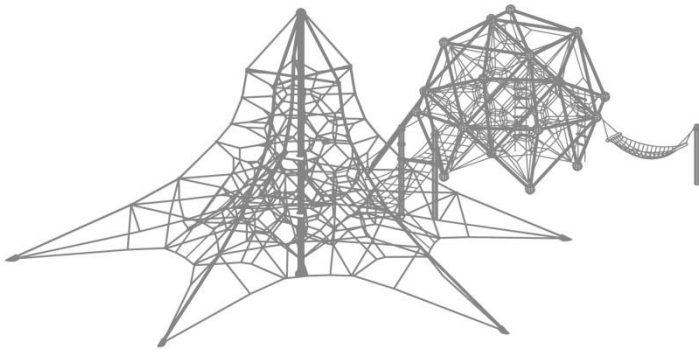
Product Family:	Pentagode	Number of Foundations:	12 pc.
Item Number:	90.180.277	Concrete Volume C20/C25:	11.5 m³ (406.1 ft³)
Children's Age:	5+	Number of skilled installers required:	3
Fall Height (DIN EN 1176):	1.84 m (6'-1")	Installation Time without foundation:	10 hours
Length x Width x Height:	21.9 m x 14.9 m x 7.2 m (71'-10" x 48'-11" x 23'-7")	Dimensions of largest part:	Ø 0.1 m x 5.8 m (Ø 0'-4" x 19'-0")
Protective Surfacing Area (DIN EN 1176):	25.1 m x 17.9 m	Spare part guarantee:	Lifelong
Protective Surfacing Area (ASTM 1487):	25.5 m x 18.7 m (83'-8" x 61'-3")	Certificate according to DIN EN 1176	No.: Z2 1601 10256 258 TÜV Product Service
Minimum space required DIN EN 1176:	242.6 m²		
Minimum space required ASTM 1487:	266.2 m² (2,865.4 sf)		


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Pentagode XL.01 – Product Specification



Technical Data.

The following text can also be used for tenders.

- Centerpost structure with fivefold suspension Pentagode XL
- Transition nets
- Spaceball L with access net and rope ladder
- Hammock

Ropes:

U-Rope®-round strand ropes with galvanized and covered wires: external strands with non-abrasive UV-resistant Polyester-yarn (no Polypropylene); rope-diameter \varnothing 16 mm (5/8")

Tube framework:

Framework-steel tubes, \varnothing 60.3 mm (2 3/8"); anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process

Nodes:

Framework-aluminum ball connectors; \varnothing 250 mm (9-13/16"); anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process; incorporating an ASTEM TT net tensioning system; securely closed with durable EPDM- caps

Mast node:

Framework-aluminum ball connector; \varnothing 250 mm (9-13/16"); anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ 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; \varnothing 16 mm (5/8"); load to failure is 65 kN per cable

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

Transition net/Access net:

Rope \varnothing 16 mm (5/8"); mesh size minimum 250 x 250 mm (9-4/5"); rope crossing points localized by durable, drop forged aluminum ballknots (no plastic)

Tube framework:

Framework-steel tubes, \varnothing 60.3 mm (2 3/8"); anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process

Hammock:

Rope \varnothing 16 mm (5/8"); hammock net with mesh width approx. 100 x 100 mm (3-15/16" x 3-15/16"); with two in situ-replaceable square rungs; rungs comprised of stainless steel profile with aluminum end caps; two swivel joints connect to aluminum clamps

Rope ladder:

Rope \varnothing 16 mm (5/8"); black polyamide rungs: \varnothing 40 mm (1-3/5")

