

Phoenix – 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.

Phoenix – at a glance.

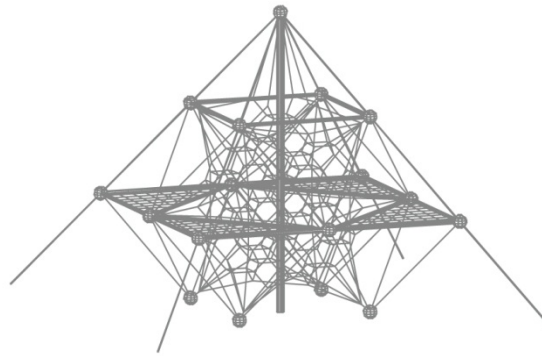
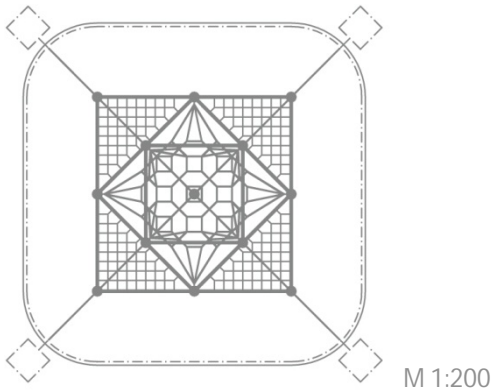
Product Family:	Univers	Number of Foundations:	9 pc.
Item Number:	90.100.115	Concrete Volume C20/C25:	5.0m³ (176.6 ft³)
Children's Age:	5+	Number of skilled installers required:	3
Fall Height (DIN EN 1176):	1.84 m (6'-1")	Installation Time without foundation:	8 hours
Length x Width x Height:	7.7 m x 7.7 m x 5.6 m 25'-3" x 25'-3" x 18'-5"	Dimensions of largest part:	ø 0.1 m x 5.8 m (0'-4" x 19'-0")
Protective Surfacing Area (DIN EN 1176):	8.9 m x 8.9 m	Weight of heaviest part:	140 kg (308.6 lbs)
Protective Surfacing Area (ASTM 1487):	9.1 m x 9.1 m (29'-8" x 29'-8")	Shipping Volume:	5.9 m³ (208.4 ft³)
Minimum space required DIN EN 1176:	75.2 m²	Spare part guarantee:	Lifelong
Minimum space required ASTM 1487:	78.3 m² (842.8 sf)	Certificate according to DIN EN 1176:	No.: Z2 16 01 10256 241 TÜV Product Service


Berliner
 Berliner Seilfabrik GmbH & Co.
 Lengeder Straße 2/4
 D-13407 Berlin

Tel. +49.(0)30.41 47 24-0
 Fax +49.(0)30.41 47 24-33

info@berliner-seilfabrik.com
 www.berliner-seilfabrik.com

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Technical Data.

The following text can also be used for tenders.

Central mast:

Steel post 133 mm (5 1/4"), wall thickness 5 mm (3/16"), anti-corrosion treatment and color finish: sandblasting and solvent-free zinc-/ epoxy-/ polyester-process

Tube framework:

Framework-steel tubes, Ø 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; Ø 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

Ropes:

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

Spatial netting:

Rope crossing points are localized with durable, forged aluminum-alloy cloverleaf rings and forged aluminum-alloy ballknots (no plastic connections); in situ-replaceable rope strands (no special tools required)

Planar nets:

Rope Ø 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)

