Nuernberg

CombiNation

Published: February 2026

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Product Specification

Varied playgrounds are a great challenge for children. When they can be climbed through in one piece, it's a real highlight. Our modular system makes it child's play to realize such installations. Since all our product groups consist of the same basic building blocks, it is also possible to combine the different playground equipment with each other effortlessly.

With this impressive combination, movement is guaranteed! Two large spatial net structures and low-rope course elements offer plenty of space for children to play. In addition to the two large three-dimensional nets, Rocking Plates and a Twisted Net, for example, provide a variety of movement activities.

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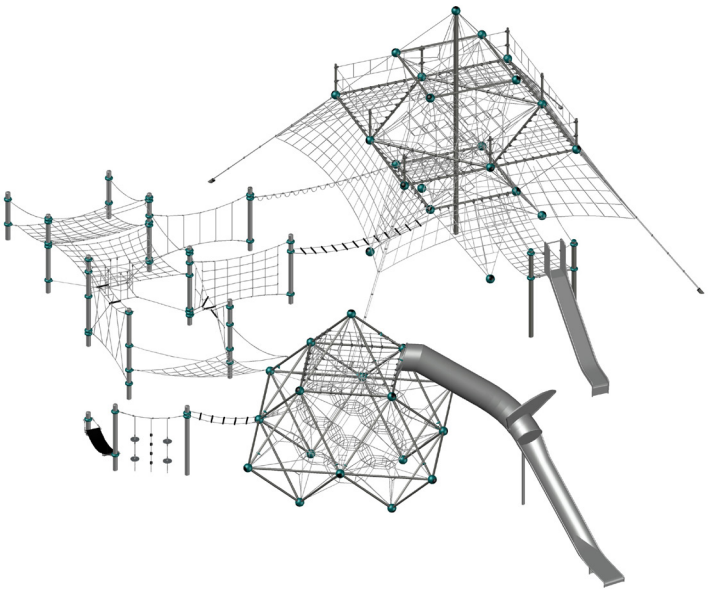
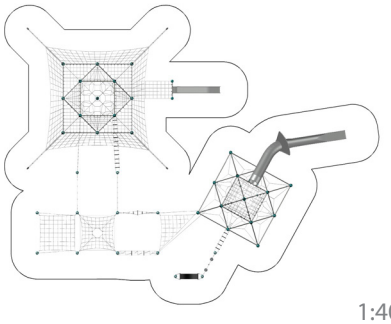
90.141.455

Product Family	**CombiNation**
Length × Width × Height (m) Length × Width × Height ('-")	**23,9 × 18,8 × 7,5** **78-4 × 61-8 × 24-7**
Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ('-")	**-** **28,0 × 22,3** **91-9 × 73-1**
Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ('-")	**-** **9-9**
Age	**5-12**
Minimum Space required acc. to DIN EN 1176 (m^2) Minimum Space required acc. to ASTM 1487 (ft^2)	**-** **4138,7**
Number of Foundations	**31**
Concrete Volume C20/C25 (m^3) Concrete Volume C20/C25 (ft^3)	**18,6** **654,1**
Number of skilled Installers required	**3-4**
Installation Time without Foundation	**75 hours**
Dimensions of largest Part (m) Dimensions of largest Part ('-")	**0,2 × 0,2 × 7,7** **0-8 × 0-8 × 25,4**
Weight of heaviest Part (kg) Weight of heaviest Part (lbs)	**190,0** **418,9**
Shipping Volume (m^3) Shipping Volume (ft^3)	**17,7** **623,0**
Total Weight (kg) Total Weight (lbs)	**4846,0** **10683,6**
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.

Pegasus:
Central Mast:
Steel post 133 mm (5 1/4"), wall thickness 5 mm (3/16"). Anti-corrosion treatment and color finish: sand-blasting 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 spe-cial tools required).
Rope Ø 16 mm (5/8").

Tube Framework:
Frameworx®- steel tubes, Ø 60,3 mm (2 3/8"). Anti-corrosion treatment and color finish: sandblasting, gal-vanised and solvent-free epoxy-/ polyester-process.

Neptun with Net-Fort:
Frameworx®- frame with spatial net that provides a maximum of room for playing on a small area. Rope crossing points are localized with durable, drop forged aluminum-alloy cloverleaf rings and drop forged aluminum-alloy ballknots (no plastic connections). In situ-replaceable rope strands (no special tools re-quired).

Tubes:
Frameworx®- steel tubes, Ø 60,3 mm (2 3/8"). Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

Planar Nets:
Rope Ø 16 mm (5/8"), mesh size minimum 250 x 250 mm (10" x 10"). Rope crossing points localized by durable, drop forged aluminum ballknots (no plastic).
Net attachment to the tubes with cast aluminum pipe clamps, and to the posts with Terranos®- clamps with Frox-connectors.

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Disk Walk and Climbing Ropes:
Vertical ropes with durable ebonite cylinders, rope diameter Ø 18 mm (11/16”). Suspended from horizontal rope connected to steel posts. Distance between cylinders approx. 300 mm (11 13/16“), ebonite cylinders are fixed to the rope with aluminum ferrules. HDPE-Disks Ø 200 mm (7 7/8”), milled from 19 mm HDPE panels. The edges are rounded. Fixed to the rope Ø 16 mm (5/8”) with aluminum ferrules. Anchored in ground with stainless steel chains attached to a foun-dation plate.

Hand-over-Hand Ladder:
Rope Ø 16 mm (5/8”), durable round black polyamide rungs, Ø 40 mm (1 3/5”).

Loop Rope:
Ropes Ø 18 mm, size per loop approx. 110 mm (4 3/8”) clear diameter. Loops durable fixed to a horizontal rope with aluminum ferrules.

Layaway Walk:
Zig-zag-shaped suspension bridge, rope Ø 16 mm (5/8”). Durable black polyamide rungs: Ø 40 mm (1 3/5”). Connected to steel post with Terranos®- clamps.

Rubber Hammock:
Rope Ø 16 mm (5/8”). Seating membrane comprised of durable, vandal-resistant conveyor belt material. Thickness approx. 9 mm. Connected with ropes at Terranos®-clamps.

Net Helix:
Folded suspension bridge; rope Ø 16 mm (5/8”). In the center three durable black polyamide rungs: Ø 40 mm (1 3/5”). Connected to steel post with Terranos®- clamps.

Harp Net:
Two bent edge ropes with vertical connection ropes, all ropes Ø 16 mm (5/8”). Connected at four points to steel posts with Terranos®- clamps.

Straight Box Slide and Tunnel Curve Slide:
Slide made of stainless steel, ground and polished. The cheeks are welded with stainless steel handrails. Connected to the tube at the framework with cast aluminum clamps.

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”) and Ø 18 mm (11/16”).

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 tensioning ball incorporates an AstemTT® net tensioning system. Securely closed with durable EPDM-caps.

Posts:
Terranos®- steel pipes Ø 133 mm (5 1/4”), wall thickness 5 - 10 mm (3/16” - 3/8”) with a round cast alumi-num post top. Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

Terranos®- Clamps:
Two-part cast aluminum connecting clamps for the height-adjustable connection of rope elements or steel pipes to Terranos®- steel posts. Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.
Frox-connectors for ropes and Chrox-connectors for chains which are completely enclosed and free from any entrapment risks.