

# Grandview

CombiNation



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
## Grandview

### Product Specification

The cleverly thought out open play concept, including the Pegasus, a Tube Slide with transparent windows, a wide Family Slide and a complex rope course with varying degrees of challenge has produced a one-of-a-kind experience. No surprise that this playground attracts thousands of visitors each week.



90.180.329

	Product Family	CombiNation
	Length × Width × Height (m) Length × Width × Height ("")	25,0 × 19,2 × 8,1 81-11 × 63-0 × 26-5
	Protective Surfacing Area acc. to DIN EN 1176 (m) Protective Surfacing Area acc. to ASTM/CSA (m) Protective Surfacing Area acc. to ASTM/CSA ("")	29,4 × 22,5 29,4 × 22,9 96-5 × 74-12
	Fall Height acc. to EN 1176 (m) Fall Height acc. to ASTM/CSA ("")	2,99 9-11
	Age	5
	Minimum Space required acc. to DIN EN 1176 (m²) Minimum Space required acc. to ASTM 1487 (ft²)	439 5169,3
	Number of Foundations	36
	Concrete Volume C20/C25 (m³) Concrete Volume C20/C25 (ft³)	19,3 690
	Number of skilled Installers required	3
	Installation Time without Foundation	54 hours
	Dimensions of largest Part (m) Dimensions of largest Part ("")	5,5 × 2,2 × 1,1 18-6 × 7-3 × 3-8
	Weight of heaviest Part (kg) Weight of heaviest Part (lbs)	550 1250
	Shipping Volume (m³) Shipping Volume (ft³)	47 1700
	Total Weight (kg) Total Weight (lbs)	6600 14600
	Spare Part Guarantee	Lifelong

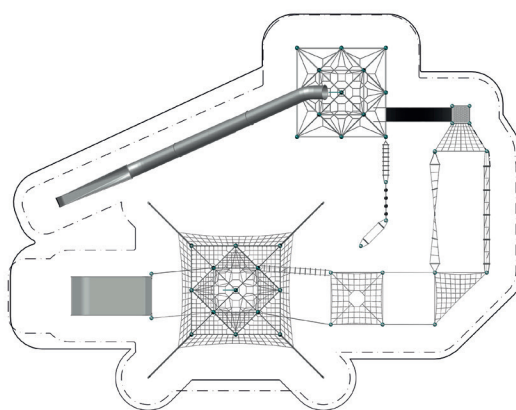
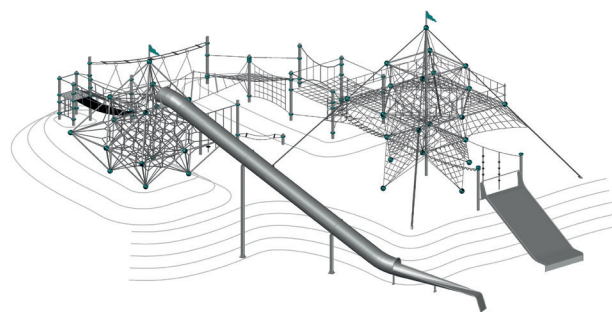
The dimensions of the equipment and protective surfacing area have been rounded up to one decimal digit.

## Technical Data

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

### Included Products:

- Pegasus
- Neptun
- Straight Tunnel Slide
- Embankment Slide
- Rubber Bridge
- Platform
- Rocking Plates
- Rubber Hammock
- Layaway Walk
- Inverted Ladder
- Hand-over-Hand Ladder
- Triangular Net
- Net Funnel
- Quad Net Vertical
- Harp Net
- Climbing Rope
- Loop Rope
- Trapeze Net



### Pegasus:

Height of more than 7 m (23'). The rope crossing points of the spatial- and planar-nets are localized with durable, drop forged aluminum cloverleaf rings and drop forged aluminum ballknots (no plastic connections). In situ-replaceable rope strands (no special tools required).

### Neptun:

Framework® frame with spatial net that provides a maximum of room for playing on a small area. Framework®- steel pipes, Ø 60,3 mm (2 3/8"). Anti-corrosion treatment and color finish: sandblasting and solvent-free epoxy-/ polyester-process.

### Tunnel Slide:

Straight tunnel slide made of stainless steel, smoothed and polished. Connected to the tube at the framework with cast aluminum clamps.

### Embankment Slide:

Straight box slide made of stainless steel. The cheeks are welded with stainless steel handrails, afterwards smoothed and polished. Connected to the tube at the framework with cast aluminum clamps.

## Rubber Bridge:

Walkway comprised of durable, vandal-resistant conveyor belt material, thickness approx. 9 mm (3/8"). Underlying in situ-replaceable square rungs comprised of stainless steel profile with aluminum end caps. Rope Ø 16 mm (5/8"), rope crossing points localized by durable, drop forged aluminum ballknobs (no plastic).

## Platform:

Non-skid HPL-panel, thickness 19 mm (3/4"). Connected to steel pipes with cast aluminum panel clamps.

## Rocking Plates:

HDPE-disks Ø 200 mm (7 9/10"), milled from 19 mm (3/4") HDPE panels. The edges are rounded. Fixed to the rope Ø 16 mm (5/8") with aluminum ferrules.

## Rubber Hammock:

Rope Ø 16 mm (5/8"). Seating membrane comprised of durable, vandal-resistant conveyor belt material. Thickness approx. 9 mm (23/64"). Connected to two swivel joints by Terranos®- clamps.

## 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.

## Inverted Ladder:

Folded suspension bridge, rope Ø 16 mm (5/8"). Rungs with durable stainless steel tubes Ø 60,3 (2 3/8"), both ends closed with durable aluminum caps (no wood or plastics), in situ-replaceable.

## Hand-over-Hand Ladder:

Rope Ø 16 mm (5/8"), durable round black polyamide rungs, Ø 40 mm (1 3/5").

## Planar Nets (Triangular Net and Trapeze Net):

Rope Ø 16 mm (5/8"): mesh size minimum 250 x 250 mm (9 4/5" x 9 4/5"). Rope crossing points localized by durable, drop forged aluminum ballknobs (no plastic). Net attachment to the tubes with aluminium pipe clamps, and to the posts with Terranos®- clamps with Frox-connectors.

## Vertical Net:

Rope Ø 16 mm (5/8"), vertical planar net. Rope crossing points localized by durable, drop forged aluminum ballknobs (no plastic).

## 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.

## Climbing Rope:

Vertical ropes with durable ebonite cylinders, rope diameter 18 mm (13/16"). 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.

## Loop Rope:

Ropes Ø 18 mm (11/16"), size per loop approx. 110 mm (3 15/16") clear diameter. Loops durable fixed to a horizontal rope with aluminum ferrules.

## Ropes:

U-Rope®- round strand ropes with galvanized and covered wires. External strands with non-abrasive UV-resistant Polyester-yarn (no Polypropylene), Ø 18 mm (11/16") and Ø 16 mm (5/8").

## Posts:

Terranos®- steel pipes Ø 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 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.

## Spheres:

Framework®-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.