

# 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.

# Grandview

## 90.180.329

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

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

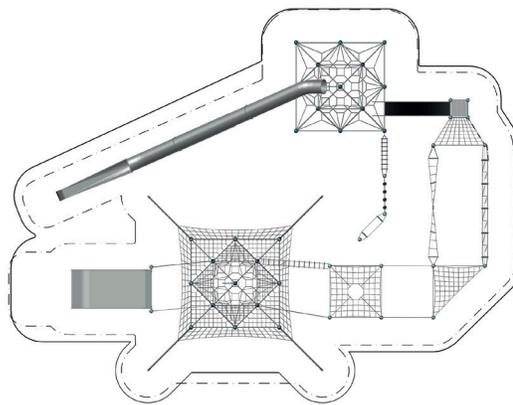
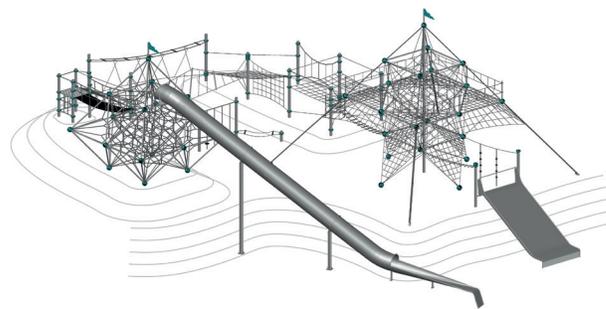
## Technical Data

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<sup>®</sup> frame with spatial net that provides a maximum of room for playing on a small area. Framework<sup>®</sup>- 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 ( $\frac{23}{64}$ "). Underlying in situ-replaceable square rungs comprised of stainless steel profile with aluminum end caps. Rope  $\varnothing$  16 mm (5/8"), rope crossing points localized by durable, drop forged aluminum ballknots (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  $\varnothing$  200 mm (7 9/10"), milled from 19 mm (3/4") HDPE panels. The edges are rounded. Fixed to the rope  $\varnothing$  16 mm (5/8") with aluminum ferrules.

**Rubber Hammock:**

Rope  $\varnothing$  16 mm (5/8"). Seating membrane comprised of durable, vandal-resistant conveyor belt material. Thickness approx. 9 mm (3/8"). Connected to two swivel joints by Terranos®- clamps.

**Layaway Walk:**

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

**Inverted Ladder:**

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

**Hand-over-Hand Ladder:**

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

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

Rope  $\varnothing$  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 ballknots (no plastic). Net attachment to the tubes with aluminium pipe clamps, and to the posts with Terranos®- clamps with Frox-connectors.

**Vertical Net:**

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

**Harp Net:**

Two bended edge ropes with vertical connection ropes, all ropes  $\varnothing$  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  $\varnothing$  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),  $\varnothing$  18 mm (11/16") and  $\varnothing$  16 mm (5/8").

**Posts:**

Terranos®- 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 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,  $\varnothing$  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.