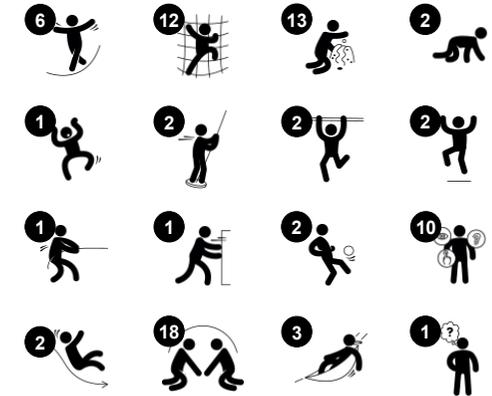


# Palace Giant XL

PCT111431



| Item no. PCT111431-0901     |                   |
|-----------------------------|-------------------|
| General Product Information |                   |
| Dimensions LxWxH            | 29'4"x37'4"x29'3" |
| Age group                   | 5 - 12            |
| Play capacity (users)       | 60                |
| Color options               |                   |



WOW! The Palace Giant XL's sky-high climb-slide-meet features are wildly attractive to children. The Giant offers a unique variety of speedy sliding, gentle swaying, and not least, challenging climbing. All these are in a see through tower, promoting thrill and social interaction. This ensures vigorous play over and over. The slides are the main attractions,

and the open and closed slide and the challenging banister bars offer a fast ride, severe fun, and stimulating social-emotional skills, such as self-regulation and empathy. The varied climbing activities add variety, while the transparent climbs add thrill. Climbing here trains cross-coordination, sense of space, and muscles. Play shells, talking tube, hammock

and tic-tac-toe create an inviting ground level space. Low climbing and ropes with pods add opportunities for everyone to socialize and participate in play.



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## Internal transparent climbing panel

**Physical:** supports cross coordination, which supports cross-modal perception, necessary for other skills such as reading. Further trains leg, arm and hand strength. **Social-Emotional:** the see-through panel makes it possible to watch and contact friends at ground level while up high. **Cognitive:** the see-through effect adds a feeling of thrill when used up high.



## Accessible stairway

**Physical:** climbing the accessible stairway is for all and supports cross coordination as well as arm and leg muscles. For young children, walking stairs and alternating feet is developed. **Social-Emotional:** room for active breaks and adult helpers. An inclusive space.



## Play shell

**Physical:** the swaying movement stimulates the sense of balance, necessary to sit still on a chair. **Social-Emotional:** meeting, taking a break and turn-taking are supported, skills necessary to learn how to avoid conflicts.



## High spiral tube slide

**Physical:** sliding supports spatial awareness and a sense of balance. Furthermore, the core muscles are trained when sitting upright going down. **Social-Emotional:** thrill when going down fast. Empathy stimulated by turn-taking. Feeling of security when stopping on extra long slide mouth.



## Banister bars

**Physical:** coordination is supported when going down, as well as arm and core muscles. Landing strengthens bone density, which is built for life in childhood. **Social-Emotional:** turn-taking and risk-taking.



## Tic-tac-toe panel

**Social-Emotional:** stimulates communication and turn-taking skills. **Cognitive:** support rules understanding, strategic thinking. **Creative:** leaving marks when tumblers are left in new positions.



## Movable hammock

**Physical:** sense of balance when swaying, body pressure when lying. Support users lying or seated. **Social-Emotional:** meeting, pushing friends gently back and forth, turn-taking. **Creative:** changing direction and position of hammock.

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Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of a core produced from 100% recycled material.



All decks are supported by uniquely designed low-carbon aluminum profiles with multiple attachment options. The grey-colored molded decks are made of 75% post-consumer ocean waste PP material with a non-skid pattern and texture surface.



The main posts have an alloy with improved tensile and yield strength to ensure superior structural integrity of the high towers. The posts has hot dip galvanized base and powder coated top finish which ensure long lifetime.

Item no. PCT111431-0901

### Installation Information

|                          |                          |
|--------------------------|--------------------------|
| Max. fall height         | 9'2"                     |
| Safety surfacing area    | 1385ft <sup>2</sup>      |
| Total installation time  | 202.2                    |
| Excavation volume        | 17.13yd <sup>3</sup>     |
| Concrete volume          | 7.89yd <sup>3</sup>      |
| Footing depth (standard) | 2'11"                    |
| Shipment weight          | 9024lbs                  |
| Anchoring options        | In-ground ✓<br>Surface ✓ |

### Warranty Information

|                          |          |
|--------------------------|----------|
| EcoCore HDPE             | Lifetime |
| PP Decks                 | 10 Years |
| Ropes & nets             | 10 Years |
| Spare Parts Availability | 10 Years |
| Steel post HDG           | Lifetime |



High-quality polycarbonate with a thickness of 15mm. The graphic prints are added by a unique multi-layer print process where the inner layer is the image and outer transparent layer functions as protection. Both PC panel and the water-based lacquer are UV stabilized to prevent fading.



Fully welded steel frame with 45° cross welded steel grid of round steel pins with a diameter of 4mm. The airflow panel contributes to the overall structural integrity of the GIANT towers.



Curved and straight tunnel slide of either PE or stainless-steel material and supported by multiple steel rods to a center steel post. The tunnel slides are designed with perfect curve and inclination for a playful ride.

| Elevated activities 14 | Accessible elevated activities | Accessible ground level activities | Accessible ground level play types |
|------------------------|--------------------------------|------------------------------------|------------------------------------|
| Present                | 9                              | 5                                  | 3                                  |
| Required               | 7                              | 5                                  | 3                                  |

**ASTM F1487**  
compliant

# Sustainability Data

PCT111431



| Cradle to Gate A1-A3  | Total CO <sub>2</sub> emission | CO <sub>2</sub> e/kg    | Recycled materials |
|-----------------------|--------------------------------|-------------------------|--------------------|
|                       | kg CO <sub>2</sub> e           | kg CO <sub>2</sub> e/kg | %                  |
| <b>PCT111431-0901</b> | 10,110.40                      | 2.95                    | 53.00              |

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

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 Denmark



## Verification of CO<sub>2</sub> calculation of: Play systems



Data version no. 2023-10-05

The CO<sub>2</sub> calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Play systems" represented by item no.: PCM200321-0950.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

**Date: 30. October 2023 | Valid until: 30. October 2025**

Verified by:

Julie Marie Vejsgaard Larsen, LCA & EPD Consultant

Verification based on report: Validation of CO<sub>2</sub> calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

**Publication date: 30. October 2023**

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