

# Palace Giant L+XL & Mid Tower

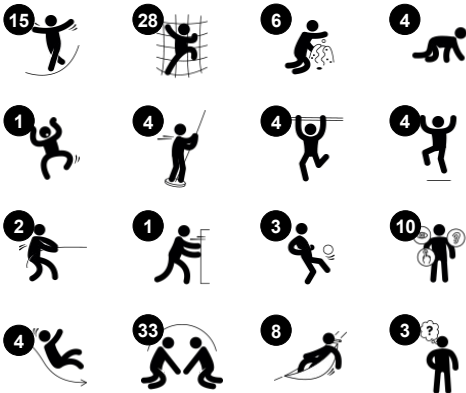
PCT310321



Item no. PCT310321-0901

### General Product Information

Dimensions LxWxH	1866x1503x891 cm
Age group	6+
Play capacity (users)	100
Color options	



WOW! The Palace Giant L + XL is an amazing playscape with sky high climbs and slide rides, hugely thrilling. The unique variety of speedy slides and glides, gentle sways and stays and not least wild climbs attract vigorous play, over and over. The see-through towers are meandering climbs inside, developing children's muscles and coordination with steep

steps and open ropes. The open and closed slides and glides offer each their fast rides. This is severe fun. It stimulates social-emotional skills such as self-regulation, risk-taking and empathy. The balance bridges and climbers add thrill out in the open. They stimulate the senses of balance and space. That matters for children's ability to manage

streets securely. Varied places for swaying, talking tubes and tic-tac-toe make a ground level that adds opportunities to chill and make friends in play.



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## Wackle bridge

**Physical:** sense of balance and space, and training of posture. Important for being able to sit still. **Social-Emotional:** cooperation, turn-taking and friendly competition on the plates.



## 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.



## Long tube slide

**Physical:** sliding develops spatial awareness and the sense of balance. **Social-Emotional:** the height ensures extra speed and thrill. Empathy stimulated by turn-taking and consideration of others. Feeling of security when stopping on extra long slide mouth.



## Peak climber

**Physical:** cross coordination and muscle strength are developed when climbing and crawling across the unequally dispersed ropes. Balance and spatial awareness are supported when standing on turning spheres or climbing across or up. **Social-Emotional:** turn-taking and socializing skills are supported when sitting with friends and interacting across.



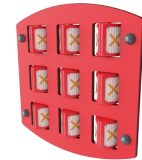
## Movable hammock

**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.



## 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.



## 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.

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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 material produced from +95% recycled post consumer material from food packing waste.



All decks are supported by unique designed low-carbon aluminum profiles with multiple attachment options. The grey colored molded decks are made of 75% post-consumer 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 galvanised base and powder coated top finish which ensure long lifetime.

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## Installation Information

Max. fall height	284 cm
Safety surfacing area	214.5 m²
Total installation time	319.5
Excavation volume	25.29 m³
Concrete volume	11.49 m³
Footing depth (standard)	90 cm
Shipment weight	6,993 kg
Anchoring options	In-ground ✓ Surface ✓



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.





# Sustainability Data

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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	%
PCT310321-0901	16,557.20	3.01	51.90

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))

## 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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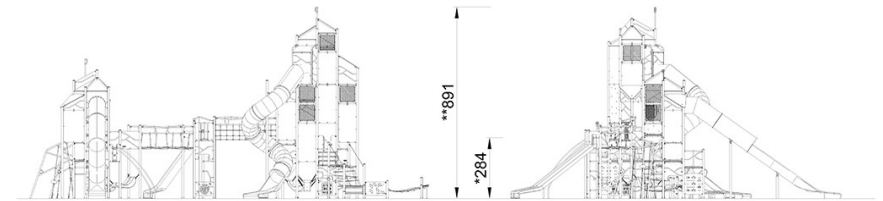
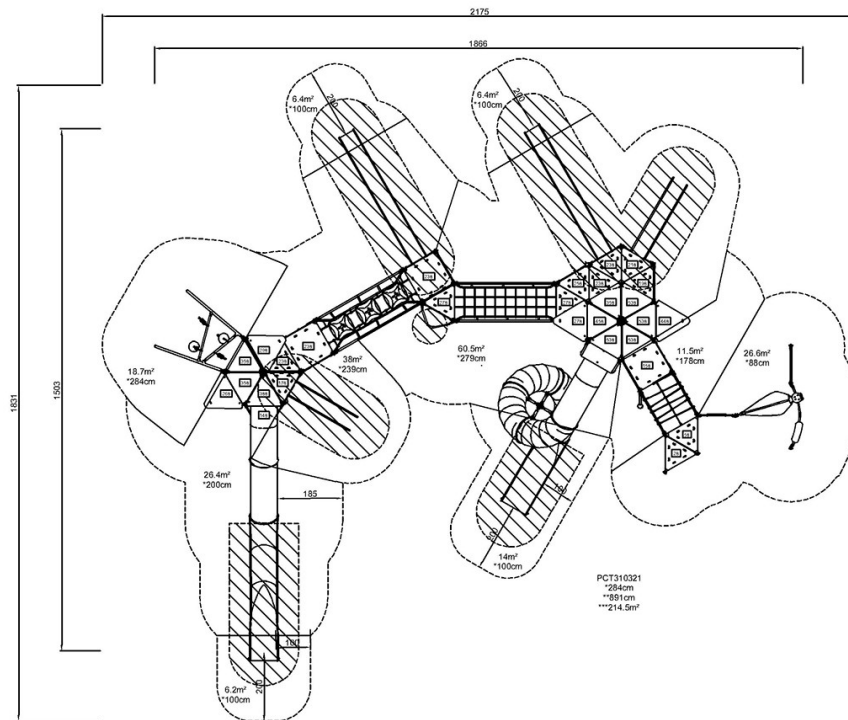


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

\* Max fall height | \*\* Total height



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