


Palace Giant L+XL & Mid Tower

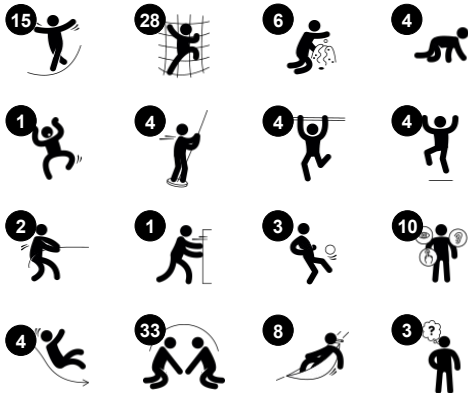
PCT310321



Item no. PCT310321-0901

General Product Information

Dimensions LxWxH	1866x1503x891 cm
Age group	6+
Play capacity (users)	100
Colour 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.



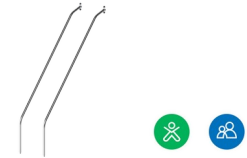
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PCT310321



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: supports coordination, arm and core muscles. Landing strengthens bone density **Social-Emotional:** turn-taking and risk-taking.



Long tube slide

Physical: sliding develops spatial awareness and the sense of balance. **Social-Emotional:** height ensures extra speed and thrill. Stimulates empathy by turn-taking and consideration of others.



Peak climber

Physical: cross coordination & muscle strength are developed when climbing & crawling across the uneven ropes. Balance & spatial awareness are supported. **Social-Emotional:** turn-taking and socialising 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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PCT310321



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 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 the structural integrity of the high towers are maintained. The posts have a hot-dip galvanised base and powder coated top finish which ensure longevity.

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Installation Information	
Max. fall height	284 cm
Safety surfacing area	214.5 m²
Total installation time	319.5 hours
Excavation volume	25.29 m³
Concrete volume	11.49 m³
Footing depth (standard)	90 cm
Shipment weight	6,865 kg
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
EcoCore HDPE	Lifetime
PP Decks	10 years
Ropes & Nets	10 years
Spare Parts Guarantee	10 years
Steel post HDG	Lifetime



Panels are manufactured from 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 stabilised 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 centre steel post. The tunnel slides are designed with perfect curve and inclination for a playful ride.



Sustainability Data

PCT310321



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
PCT310321-0901	16,535.94	3.00	54.56

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 CO₂ calculation of: Play systems



Data version no. 2023-10-05

The CO₂ 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 CO₂ calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

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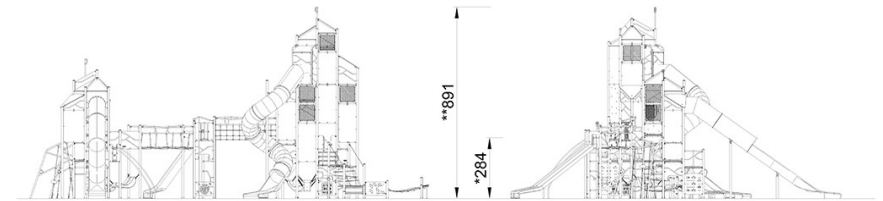
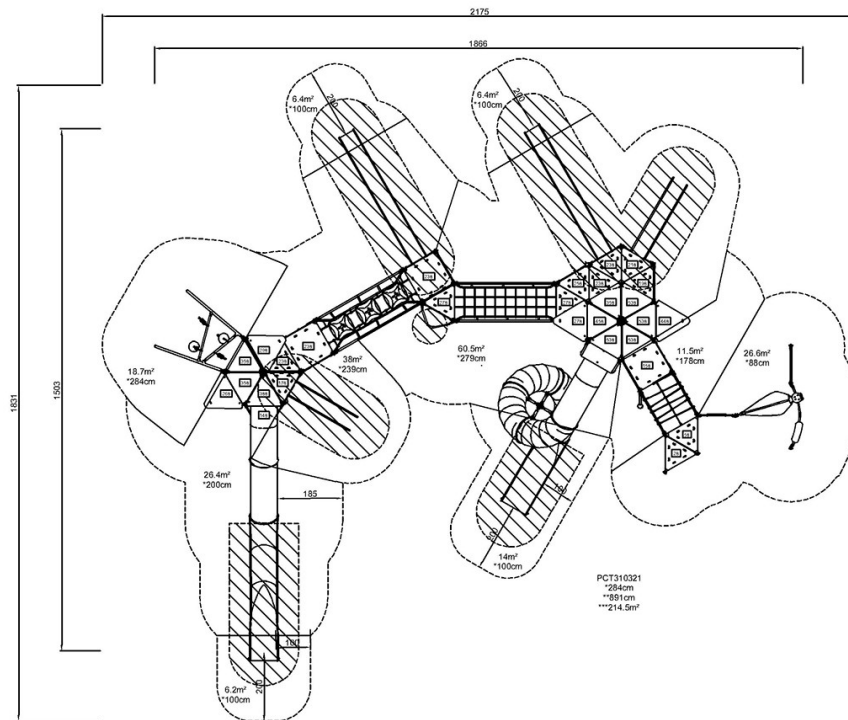


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* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



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