

# Palace Giant L & Side Tower

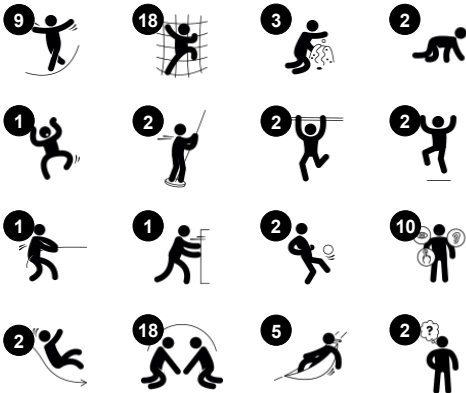
PCT210831



Item no. PCT210831-0901

### General Product Information

Dimensions LxWxH	1046x1217x651 cm
Age group	4 - 12
Play capacity (users)	50
Colour options	



WOW! The Palace Giant L's high climb-balance-slide-meet features attract children hugely. The Giant is a unique variety of speedy sliding and gliding, gentle swaying and not least challenging climbing activities. The see-through tower is a meandering framework for climbing. It promotes thrill and cooperation. This guarantees vigorous play, over and over.

The open and closed slide and the fireman's pole, fireman's pole and banister bars offer each their fast ride. This is severe fun and it stimulates social-emotional skills such as self-regulation and empathy. The balance bridge and pipe climber add thrill to the open towers also. They stimulate cross-coordination and the senses of balance and space. Play shells,

talking tube, hammock and tic-tac-toe create an inviting ground level space that adds opportunities for all to 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.



## 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.



## Fireman's pole

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



## Transparent panels with graphic

**Social-Emotional:** the see-through panel adds the possibility to watch and contact friends on ground level when up high. **Cognitive:** the see through-effect adds a feeling of thrill when used up high. The graphic suggests a theme and supports dramatic play, which stimulates languages and communication skills.



## 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.



## 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.



## 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.

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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	376 cm
Safety surfacing area	129.7 m²
Total installation time	164.7
Excavation volume	14.71 m³
Concrete volume	6.55 m³
Footing depth (standard)	90 cm
Shipment weight	3,353 kg
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
EcoCore HDPE	Lifetime
PP Decks	10 years
Ropes & nets	10 years
Spare parts guaranteed	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 15	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	9	5	3
Required	8	5	3

**CSA  
Z614**  
compliant



# 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	%
PCT210831-0901	7,356.30	2.81	54.60

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.

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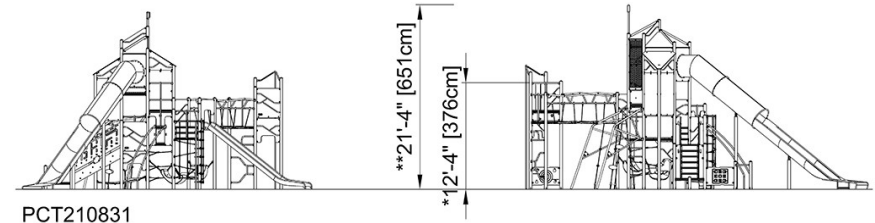
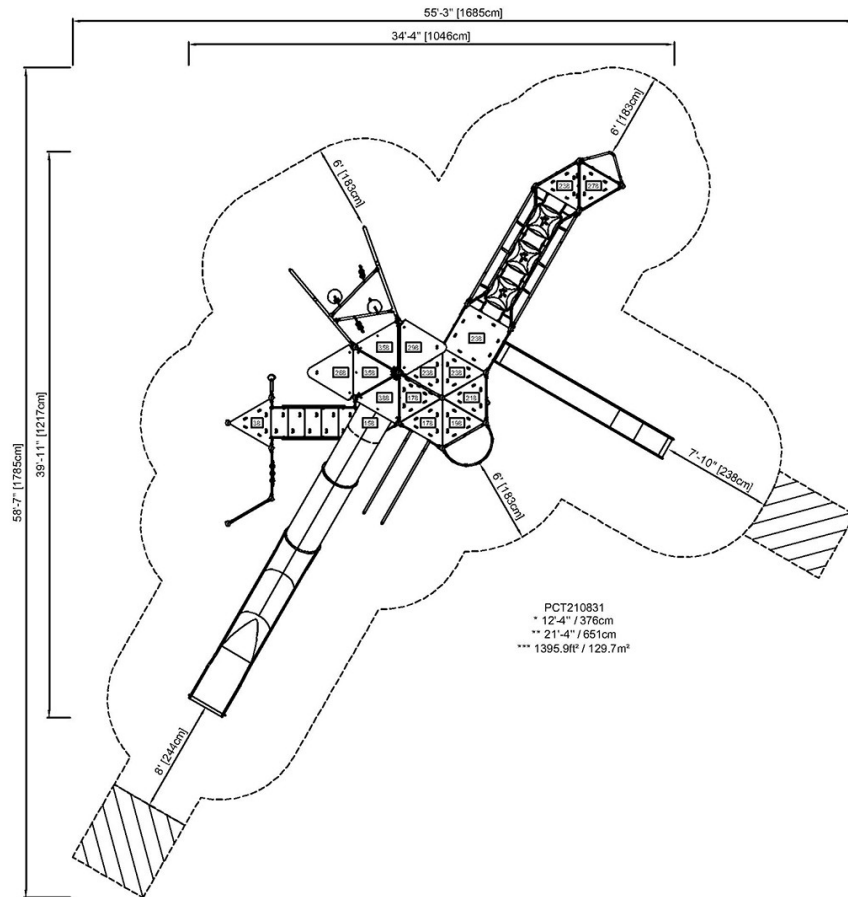


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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[Click to see SIDE VIEW](#)