

Castle Gatehouse


PCM201721

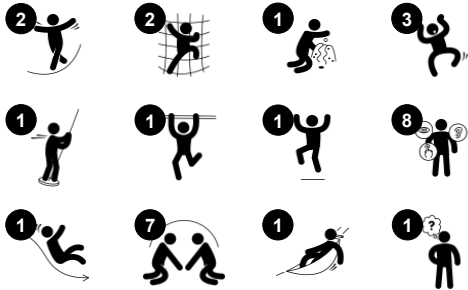


Tons of fun in a compact space: The Castle Gatehouse attracts children to play actively, using their motor skills to climb to the top, navigate the nets, and slide or glide to the ground. The two access points vary in difficulty: the stairs provide an age-appropriate access to the tower and helps to develop confidence with climbing stairs, an important everyday task.

The inclined net climb is higher and takes more concentration, developing proprioception and cross-coordination. The open, inclined bridge is a true challenge, training balance skills and spatial awareness. To get back to ground level, children can train their balance and posture with the slide or feel the thrilling sensation with the fireman's pole. Under the tower, a treasure

chest and bench invite social interaction, dramatic play and language development.

Item no. PCM201721-0901	
General Product Information	
Dimensions LxWxH	350x335x410 cm
Age group	2+
Play capacity (users)	16
Colour options	



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Cannon

Cognitive: the cannon set a tangible theme and thus spur dramatic play. Dramatic play supports language and communication skills.



Fireman's pole

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



Climbing net

Physical: supports physical strength and cross-body coordination, which impacts coordination of the right and left part of brain.



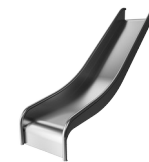
Treasure box

Cognitive: object permanence: hiding objects and finding them again. Spurs exploration and dramatic play, stimulating conversations.



Net bridge, inclined

Physical: walking the open net up or downwards develops balance, spatial awareness and cross coordination. **Social-Emotional:** interaction with children outside, socialising. Cooperation and consideration, e.g. when passing others.



Slide

Physical: develops spatial awareness, sense of balance and trains core muscles when sitting upright going down. **Social-Emotional:** empathy stimulated by turn-taking.



Window with curtains

Physical: tactile stimulation supports sensory skills, when children explore the characteristics of the materials. **Social-Emotional:** social interaction between inside and outside, supporting turn-taking and cooperation. **Cognitive:** understanding of object permanence playing peek-a-boo. Dramatic play support, encouraging language skills. **Creative:** leaving a mark, deciding how to place curtains.

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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.



Main posts with hot-dip galvanised steel footing are available in different materials including; pressure impregnated pinewood posts, pre-galvanised posts that are powder-coated or a lead-free aluminium option with an anodised colour top finish.



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.

Item no. PCM201721-0901	
Installation Information	
Max. fall height	118 cm
Safety surfacing area	30.9 m²
Total installation time	18.0
Excavation volume	1.12 m³
Concrete volume	0.38 m³
Footing depth (standard)	90 cm
Shipment weight	525 kg
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
EcoCore HDPE	Lifetime
Post	10 years
PP Decks	10 years
Ropes & Nets	10 years
Spare Parts Guarantee	10 years



The slides can be chosen in different materials and colours. Options include straight, or curved moulded PE slides in yellow or grey colour or a full stainless steel option which is a more vandalism proof solutions.



Activities are made of high-quality stainless steel which is cleaned by a total pickling process after manufacturing to ensure a smooth and clean gliding surface.



Nets and ropes are made of UV-stabilised PA with inner steel cable reinforcement. The rope is induction treated to create a strong connection between steel and rope, which leads to durable weather resistance.



Sustainability Data

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Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
PCM201721-0901	1,012.10	2.72	54.20

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: Themed 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: "Themed play systems" represented by item no.: MSC641100-3717P.

(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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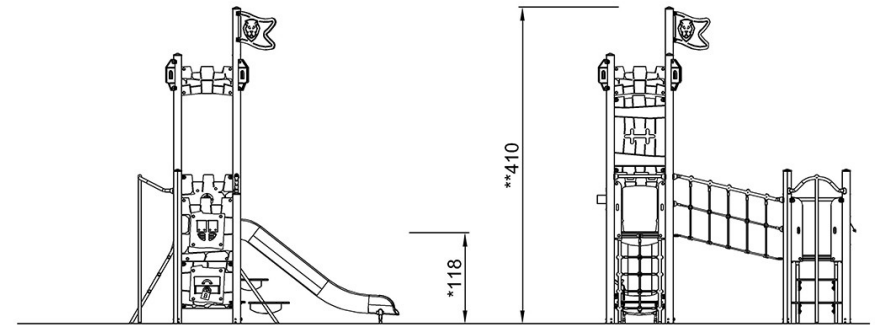
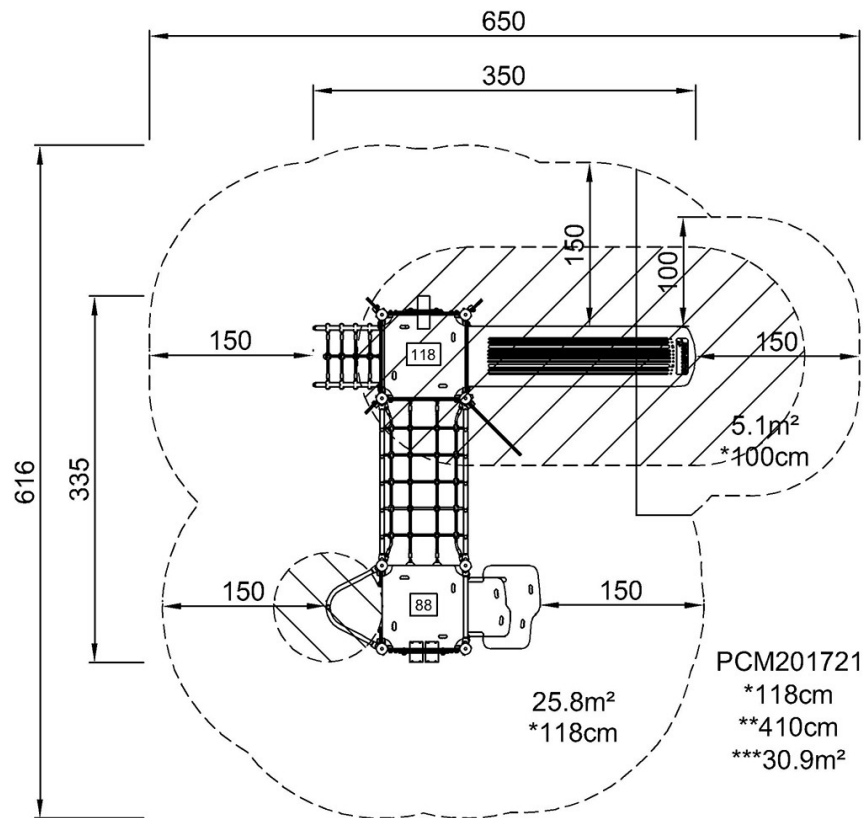


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* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



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[Click to see SIDE VIEW](#)