

# Castle Outpost Tower

PCM112931



Wow! This super play structure provides for play challenges and lots of movement that supports physical development as well as overall well-being. This Castle outpost will inspire young children to challenge themselves to play actively, using their muscles to climb to the top and ride the track rider or glide to the ground using the pole, again and again. The

climbing nets provide a very good way for children to develop cross-coordination, which in turn supports reading skills. The space under the platform stimulates dramatic play, stimulating language development and social play. Gliding on the track rider supports proprioception and spatial awareness, important skills for young children as they grow,

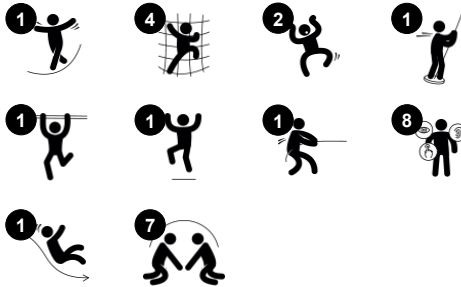
and great fun for active physical play. Sliding trains the sense of balance, which is fundamental to children's confidence in moving.



Item no. PCM112931-0901

### General Product Information

Dimensions LxWxH	643x982x470 cm
Age group	4 - 12
Play capacity (users)	26
Colour options	



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## Track Ride

**Physical:** train arm and core muscles. Bone density when jumping down from the handholds and motor skills like agility, balance and coordination are supported. **Social-Emotional:** cooperation, consideration, turn-taking, risk-taking, self-confidence.



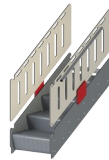
## Cannon

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



## Climbing net

**Physical:** supports physical strength and cross-body coordination, which impacts coordination of the right and left part of brain, fundamental for other skills such as the ability to read.



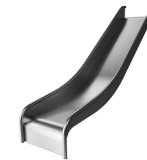
## Accessible stairway

**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.



## Desk

**Social-Emotional:** fine meeting place and a space creator. Sharing and cooperation from both sides create a social scenario that supports communication and cooperation.



## Slide

**Physical:** sliding develops spatial awareness and a sense of balance. Furthermore, the core muscles are trained when sitting upright going down. **Social-Emotional:** empathy stimulated by turn-taking.



## Tower net

**Physical:** the children have fast access up the horizontal rungs, and a slower climb up the sloping rungs. The net can be climbed from both sides, levelling the challenge. Cross coordination, and arm and leg muscles are trained. **Social-Emotional:** the two-sided net and spaciousness allows for social interaction. **Cognitive:** logical thinking when planning how to best enter the platform from the net.

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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.



Main posts with hot dip galvanised steel footing are available in different materials: Pressure impregnated pine wood posts. Pre-galvanised inside and outside with powder coated top finish steel posts. Lead free aluminium with colour anodised 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.

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Installation Information	
Max. fall height	246 cm
Safety surfacing area	79.1 m²
Total installation time	31.2
Excavation volume	1.39 m³
Concrete volume	0.50 m³
Footing depth (standard)	90 cm
Shipment weight	1,177 kg
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
EcoCore HDPE	Lifetime
Post	10 years
PP Decks	10 years
Ropes & nets	10 years
Spare parts guaranteed	10 years



The slides can be chosen in different materials and colours: Straight or curved moulded PE slides in yellow or grey colour. Full stainless steel in on-piece design for more vandalism proof solutions.



The hang-on puller is designed with at welded steel core and covered with low-density PE housing. The two hot dip galvanised steel handles are angled to provide best possible ergonomic while gliding. The wheels of the puller are made of low noise TPU and installed with sealed ball bearings.



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

Elevated activities 6	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	4	3	1
Required	3	2	2

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	%
PCM112931-0901	1,877.50	2.19	63.10

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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## Verification of CO<sub>2</sub> calculation of: Themed 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: "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 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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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area



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



*Data is subject to change without prior notice.*