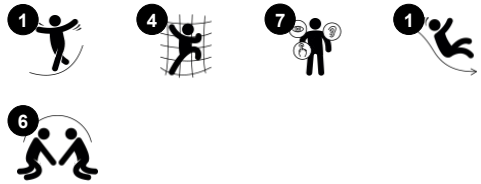
Play Tower with ADA Stairs

PCM100331

Item no. PCM100331-0902	
General Product Information	
Dimensions LxWxH	497x330x230 cm
Age group	2 - 5
Play capacity (users)	12
Colour options	



This super play tower will attract children and encourage active physical play. The ADA stairs provide an age-appropriate entry option to the tower, that strengthens leg muscles and helps to develop skills at climbing stairs, an important everyday task. The multiple and varied climbing activities will support children's muscle development as well as their cross-coordination and sense of balance. These skills are important for health and well-being as well as for thinking and learning. For example, using both sides of your body to climb and navigate the structure stimulates both sides of the brain, essential for learning, particularly for literacy. Sliding down the slide supports posture and balance, all important skills for young children, and great fun!

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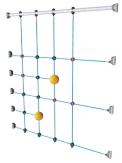
Window
Social-Emotional: invites interaction between sides and cooperative play.

Pipe ladder
Physical: cross coordination and eye-hand coordination are supported when children climb the ladder. The climbing also supports leg and arm muscles. **Social-Emotional:** learning about turn taking and cooperation.

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. **Cognitive:** young children develop their understanding of space, speed and distances when sliding down quickly.



Climbing net
Physical: children develop cross-body coordination and muscle strength when climbing. The big meshes allow for climbing and crawling through, supporting proprioception and spatial awareness. **Social-Emotional:** the big meshes allow for more children to sit together and talk.

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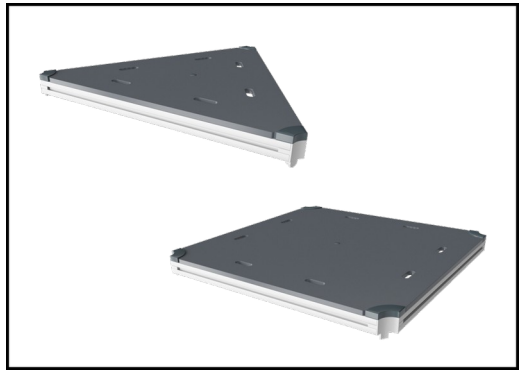
Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of material produced from +95% recycled post consumer material from food packing waste.

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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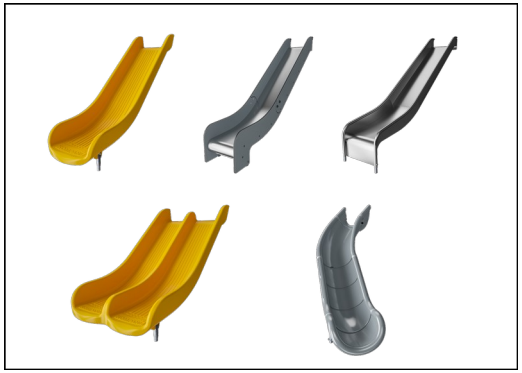
Installation Information	
Max. fall height	224 cm
Safety surfacing area	43.5 m²
Total installation time	17.0
Excavation volume	0.42 m³
Concrete volume	0.02 m³
Footing depth (standard)	85 cm
Shipment weight	464 kg
Anchoring options	In-ground ✔
	Surface ✔

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 colors: Straight or curved one-piece molded PE slides in yellow or grey color. Combined EcoCore™ sides and stainless-steel. Full stainless steel in one-piece design for more vandalism proof solutions.

Elevated activities **2**	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	**2**	**2**	**2**
Required	**1**	**1**	**1**

CSA Z614 compliant

Sustainability Data

PCM100331

Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
PCM100331-0902	855.64	2.60	54.54

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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Validation of CO_2 calculation method
BUREAU VERITAS
HSE Denmark A/S

Verification of CO_2 calculation of: Play systems

Data version no. 2023-10-05

The CO_2 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_2 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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Data is subject to change without prior notice.

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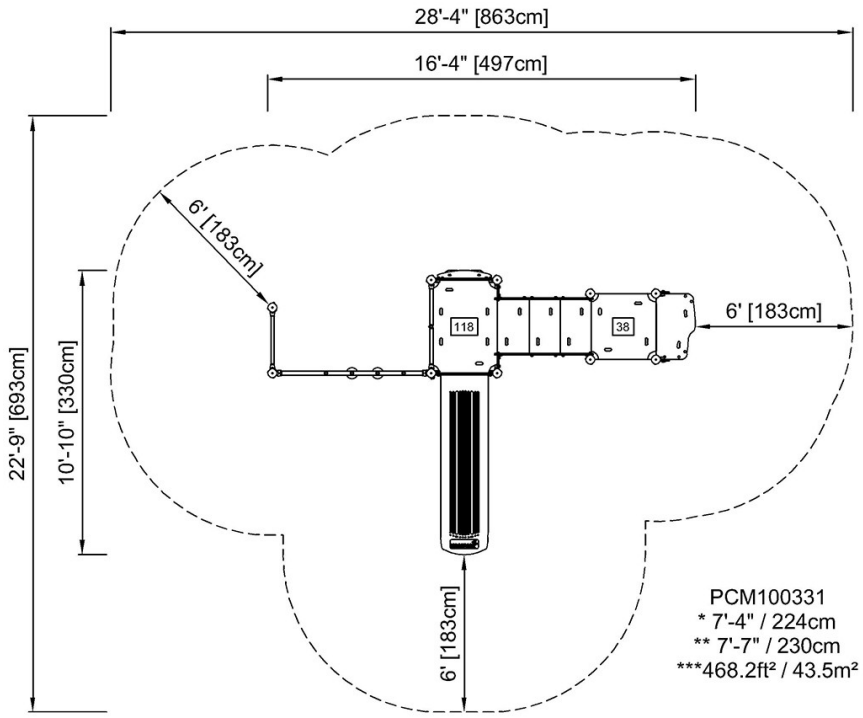
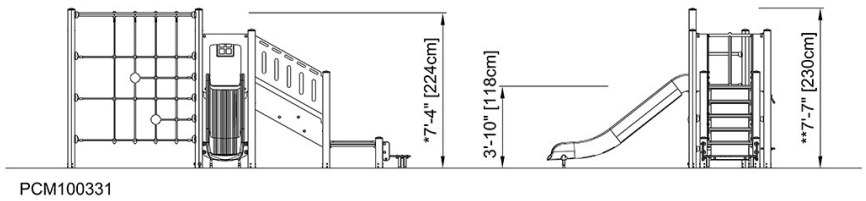
* Max fall height | ** Total height | *** Safety surfacing area



* Max fall height | ** Total height



Click to see TOP VIEW

Click to see SIDE VIEW

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