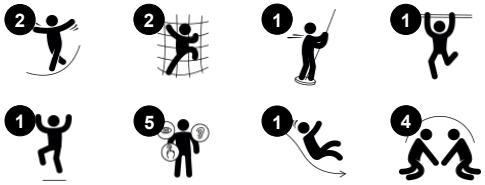
Two Deck Play Tower

PCM111321

Item no. PCM111321-0901	
General Product Information	
Dimensions LxWxH	285x478x260 cm
Age group	4+
Play capacity (users)	9
Colour options	



The Play Tower with Banister Bars will inspire children to play actively, climbing to the top and sliding or gliding to the ground again and again. The climbing wall and ladder accesses provide graduated challenges to strengthen muscles and develop cross-coordination skills. This enhances a child's ability to use both sides of their brain, and supports the internal structures that enable reading and thinking. The slide down is fun and supports posture and balance. This is important for e.g. being able to sit still and concentrate. The bench in the space under the platform invites socialising. The Banister Bars provide a thrilling way to glide to the ground. Whizzing down is not only great fun, it also stimulates the sense of space and enhamces a childs awareness. These help children build up the skill set to estimate risk taking safely.

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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.

Platform
Social-emotional: the platform allows for more children to be together and share. Important life skills like courage, self-confidence, consideration and turn-taking are built.

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.

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.

Bench
Social-emotional: invites socializing and cooperation. Allows for a break with friends.

Climbing wall
Physical: climbing here develops cross coordination, which supports cross-modal perception, necessary for other skills such as reading.

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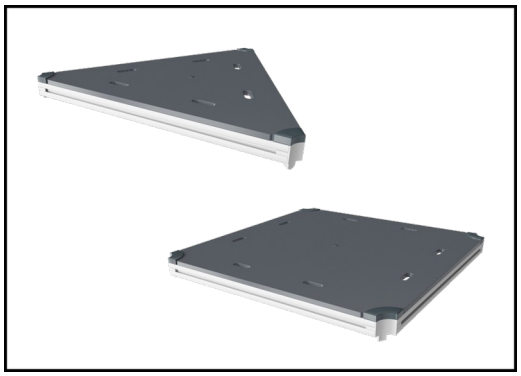
Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of a core produced from 100% recycled post consumer material from food packing waste.



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 ocean waste PP material with a non-skid pattern and texture surface.

Main posts with hot dip galvanized steel footing are available in different materials: Pressure impregnated pine wood posts. Pre-galvanized inside and outside with powder coated top finish steel posts. Lead free aluminum with color anodized top finish or pressure impregnated pine wood posts.

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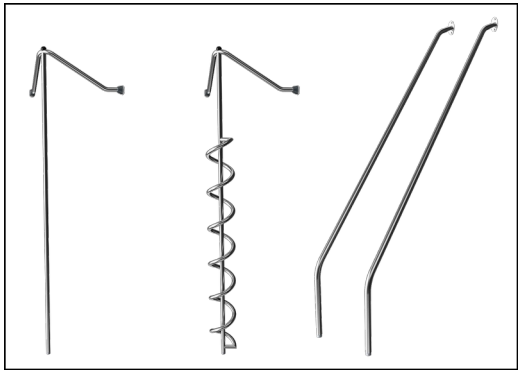
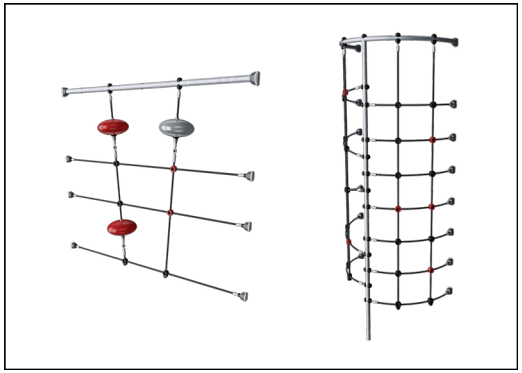
Installation Information		
Max. fall height		239 cm
Safety surfacing area		31.2 m2
Number of installers		2
Total installation time		10.1
Excavation volume		0.35 m3
Concrete volume		0.00 m3
Footing depth (standard)		85 cm
Shipment weight		317 kg
Anchoring options	Surface	✔
	Roof	✔
Warranty Information		
EcoCore HDPE		Lifetime
PP Decks		10 years
Post		10 years
PE slide		10 years
Spare parts guaranteed		10 years



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



Ropes are made of UV-stabilized PES rope strands with inner steel cable reinforcement. The polyester wrapping is inductively melted onto each strand to obtain excellent wear and tear resistance.

KOMPAN GreenLine versions are designed with ultimate environmentally friendly materials with lowest possible CO2e emission factor. TexMade post, EcoCoreTM panels of 100% post consumer recycled ocean waste and molded PP decks.

Sustainability

Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
PCM111321-0901	701.50	2.83	48.20
PCM111321-0950	512.60	1.71	70.20

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))

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

Validation of CO2 calculation of: Play systems

Data version no. 2021-01-11

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.: PCM200309-0010.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

Date: 15. October 2021 | Valid until: 15. October 2023
Validated by:

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

Validation based on report: Validation of CO^2 calculation of play systems – Kompan, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Bente Hviid and Peter Bendtsen.

Publication date: 15. October 2021

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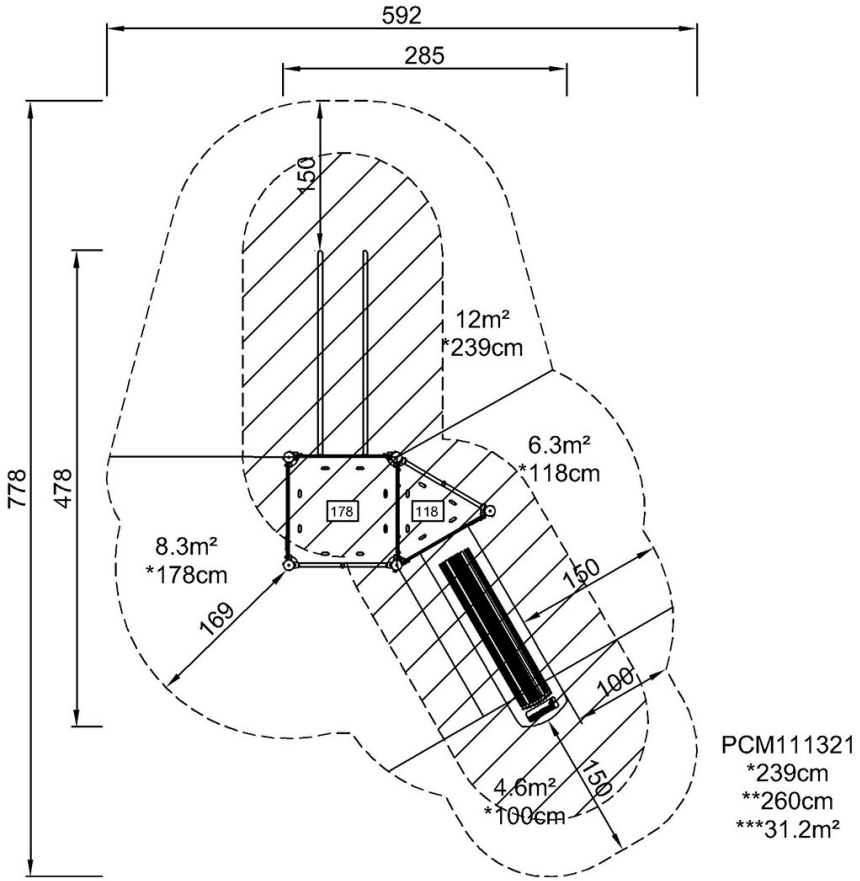
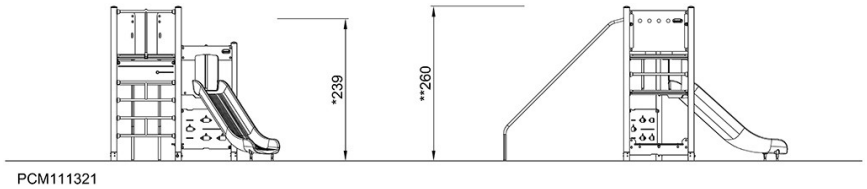
* Max fall height | ** Total height | *** Safety surfacing area



* Max fall height | ** Total height



Click to see TOP VIEW

Click to see SIDE VIEW