

# Multi Deck Playhouse

PCM002521



The multi deck playhouse is an ultimate play attraction for developing toddlers. The many levels and sections stimulate exploration and encourage physical play. Children train cross-coordination when climbing the platforms, a fundamental skill for later reading skills. The playhouse also has a slide which stimulates the sense of balance, important for mastering any

physical activity. Play panels invite exploration: The windows with rubber stimulate tactile play and cross-modal perception, important in later reading. The talk tubes really engage toddlers, by talking in one tube on the playhouse they can speak with their friends on the other side using the second talk tube. This helps build an understanding of turn-taking and helps them to

develop an understanding of object permanence: that objects exist when out of sight.

Item no. PCM002521-0605	
General Product Information	
Dimensions LxWxH	238x363x274 cm
Age group	1+
Play capacity (users)	15
Colour options	



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## Desk with conveyor belt

**Physical:** tactile stimulation from running hands over rolling spheres on conveyor belt.  
**Social-Emotional:** sharing and cooperation from both sides to create a social scenario that supports communication and cooperation.  
**Cognitive:** supports dramatic play scenarios, trains 'cause and effect' understanding.



## Talk tube

**Social-Emotional:** encourages communication and social interaction.  
**Cognitive:** evokes curiosity and stimulates an understanding of cause and effect and object permanence.



## Slide

**Physical:** develops spatial awareness, sense of balance and trains core muscles 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.



## Abacus

**Cognitive:** supports understanding of measures.



## Balcony

**Social-Emotional:** the balcony invites meetings and interaction with people on ground level. **Cognitive:** invites dramatic play and performance, which stimulates language development.

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Panels are available in two different materials: 19 mm EcoCore™ HDPE or impregnated and brown painted pine wood. 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. Pinewood boards are embedded in stainless steel frames.



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. Greenline TexMade posts of 95% post-consumer recycled PE and textile 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.

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<b>Installation Information</b>	
Max. fall height	100 cm
Safety surfacing area	25.8 m²
Total installation time	17.5
Excavation volume	0.39 m³
Concrete volume	0.00 m³
Footing depth (standard)	60 cm
Shipment weight	552 kg
Anchoring options	In-ground ✓ Surface ✓
<b>Warranty Information</b>	
EcoCore HDPE	Lifetime
Post	10 years
PP Decks	10 years
Spare Parts Guarantee	10 years



Roof is made from rotomoulded PE with 33% Post-consumer materials. PE has high impact resistance across a wide temperature span which ensures durability.



The slides can be chosen in six different colors and three materials: Straight or curved one-piece molded PE slides, made from 33% recycled post-consumer materials in different colours. Combined EcoCore™ sides and stainless-steel. Full stainless steel in one piece design for more vandalism proof solutions.



KOMPAN GreenLine versions are designed with ultimate environmentally friendly materials with the lowest possible CO2e emission factor such as EcoCore™ panels of 100% post consumer recycled ocean waste.



# 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	%
PCM002521-0651	701.40	1.55	72.80
PCM002521-0605	947.30	2.41	57.60

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))

## Kompan A/S

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Denmark



## 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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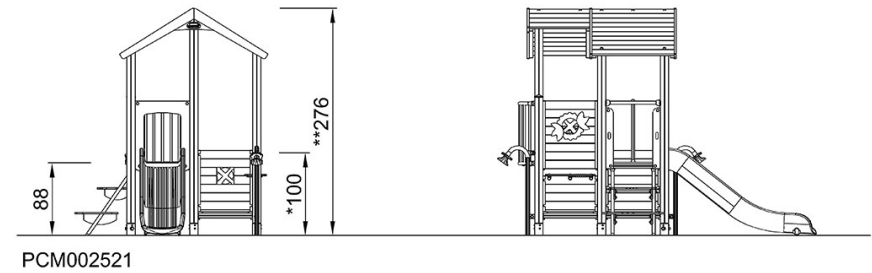
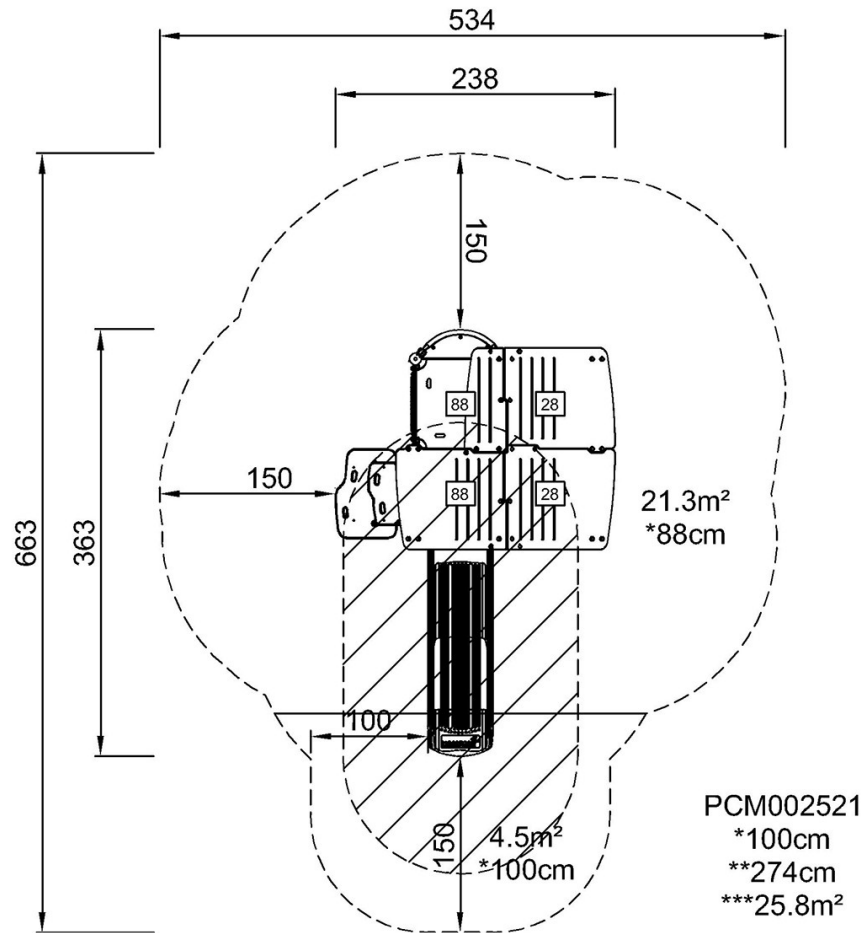


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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[Click to see SIDE VIEW](#)