Multi Play Tower & Playhouses

PCM900121

Item no. PCM900121-0601	
General Product Information	
Dimensions LxWxH	964x903x306 cm
Age group	2+
Play capacity (users)	84
Colour options	

This fantastic structure is loaded with play in all areas. Multiple towers and playhouses means varied ways to play, longer playtimes, and many benefits for health and well-being. This will attract children to play together and will enrich and extend their play, in active outdoor play that stimulates social skills, creativity and thinking. The varied and many access points all help children to strengthen their muscles and coordination as they will be eager to play with the many stimulating activities along the many pathways. There are opportunities to create fun and imaginative play themes that will extend the play. The talking tubes and play panels are elements that will spark curiosities and encourage imagination. Many bridges and means of egress support physical decision making. Sliding and gliding supports posture and balance, all important skills, and fun!

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Fireman's pole
Physical: coordination is supported when going down, as well as arm and core muscles. Landing strengthens bone density, which is built for life in early childhood.
Social-emotional: turn-taking and risk-taking.
Cognitive: young children develop their understanding of space, speed and distances when gliding down fast.

Net bridge
Physical: children develop their balance, cross coordination and spatial awareness in the open net.
Social-emotional: interaction with children outside, socializing. Cooperation and consideration, e.g. when passing others.

Wackle bridge
Physical: sense of balance and space, and training of posture. Important for being able to sit still.
Social-emotional: cooperation, turn-taking and friendly competition on the plates.

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.

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

Talk tube
Social-emotional: encourages communication and social interaction.
Cognitive: evokes curiosity and stimulates an understanding of cause and effect and object permanence: objects and persons exist also when out of sight.

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

Tunnel
Physical: the children crawl through the tunnel, developing motor skills such as cross-body coordination and proprioception.
Social-emotional: turn-taking when passing each other.

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.

Crawl-through hole
Physical: the hole allows for climbing and crawling through, developing cross coordination, proprioception and spatial awareness.
Social-emotional: cooperation and turn-taking when passing one another.
Cognitive: understanding space, shape and measures when seeing if the body can fit through the hole.

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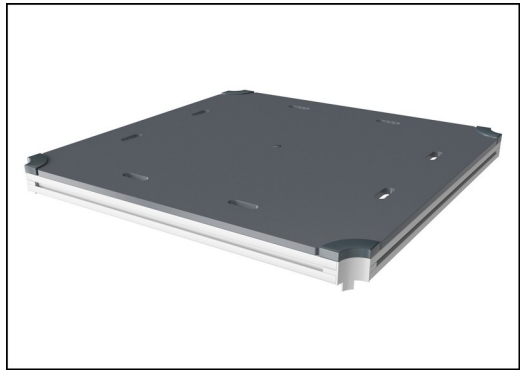
Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of a core produced from 100% recycled post consumer material from food packing waste. Wooden panels of impregnated and brown painted pine wood with vertical steel profiles.

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 100% 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 ocean waste PP material with a non-skid pattern and texture surface.

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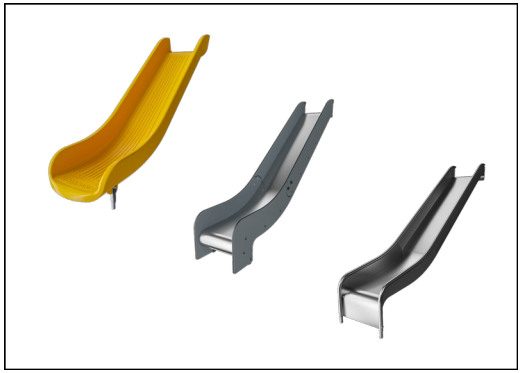
Installation Information	
Max. fall height	118 cm
Safety surfacing area	100.6 m2
Number of installers	2
Total installation time	76.8
Excavation volume	0.77 m3
Concrete volume	0.00 m3
Footing depth (standard)	60 cm
Shipment weight	2,273 kg
Anchoring options	

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.

Coloured steel components have a base of hot dip galvanisation and a powder coated top finish. This provides an ultimate corrosion resistance in all climates around the world.

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	%
PCM900121-0601	4,978.50	2.86	45.50
PCM900121-0650	3,405.90	1.68	68.40

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.

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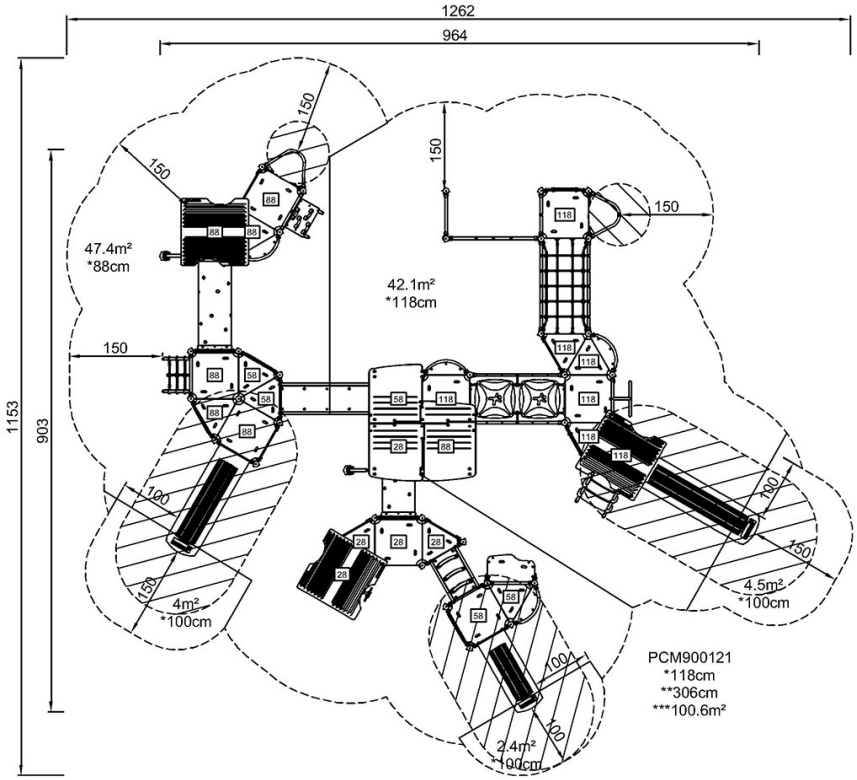
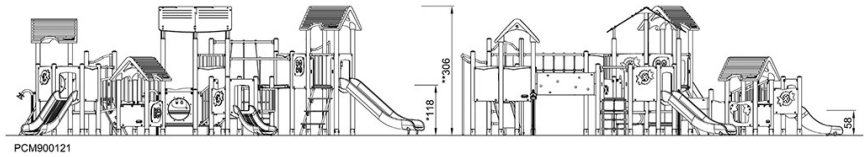
* Max fall height | ** Total height | *** Safety surfacing area



* Max fall height | ** Total height



Click to see TOP VIEW

Click to see SIDE VIEW