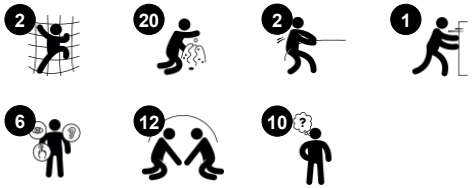
Sand Gravel Pit

PCM104131

Item no. PCM104131-0901	
General Product Information	
Dimensions LxWxH	358x322x290 cm
Age group	2+
Play capacity (users)	24
Colour options	



The Sand Gravel Pit is an immensely attractive sand play unit that will absorbe children in play for hours and hours. The crane is worked by pulling the chain. The sand bucket will go up or down or all around, but it will stay put when the chain is let go of. This, apart from providing fascinating sand play, is a great training of children's logical thinking skills. The negotiation and cooperation to get sand to and from the funnel via the buckets or sand scoops is great for older children and develops social-emotional skills. In the house, multiple tactile elements can be moved to entertain children who wait for the sand crane. The sand funnel here supports children's understanding of object permanence: that things can still exist when out of sight. The platform is open and can be accessed in multiple ways, allowing for all users to play. And on the side, a somersault bar takes care of any surplus energy needed to be burnt.

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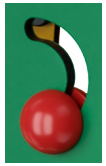
Sand bucket
Physical: cross coordination thereby developing cooperation of left and right brain half which is necessary for academic skills such as reading. **Cognitive:** understanding of object permanence, emptying and filling bucket.

Sand wheel
Cognitive: the turning sand wheel stimulates cause and effect understanding.

Sand shovel
Physical: develops dexterity and upper body muscles. **Cognitive:** understanding of object permanence, emptying and filling scoop.



Play sphere
Social-Emotional: can be played from both sides, encouraging cooperation. **Cognitive:** cause and effect understanding. **Creative:** leave a mark and place the spheres at different positions.

Sand scoops
Physical: hand eye coordination and push-pull movements. **Social-Emotional:** invites cooperation due to the two-sidedness and provides for parallel play. **Cognitive:** logical thinking: cause and effect understanding when running scoops in grooves or shifting materials from scoop to scoop. **Creative:** shifting scoops, creating new scoop positions.

Somersault bar
Physical: develop balance and core when hanging from knees. Arm, leg and core muscles are developed when climbing up, somersaulting around. Balance and spatial awareness are strengthened. **Social-Emotional:** meeting, socializing and turn-taking when climbing up and down via bar.

Funnel
Social-Emotional: trains cooperation and turn-taking as children put materials into the funnel. **Cognitive:** the passing of materials through funnels supports the children's logical thinking and for younger children the understanding of object permanence: that materials don't vanish but run through at the other end.

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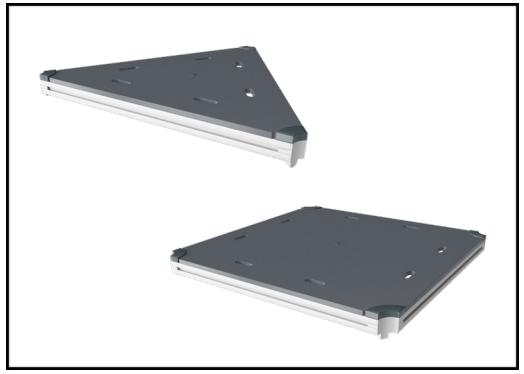
Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of material produced from +95% recycled post consumer material from food packing waste.

Main posts with hot dip 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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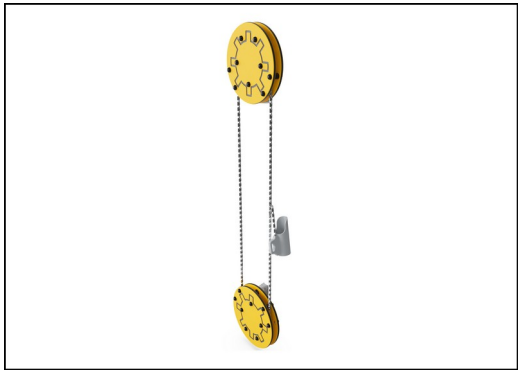
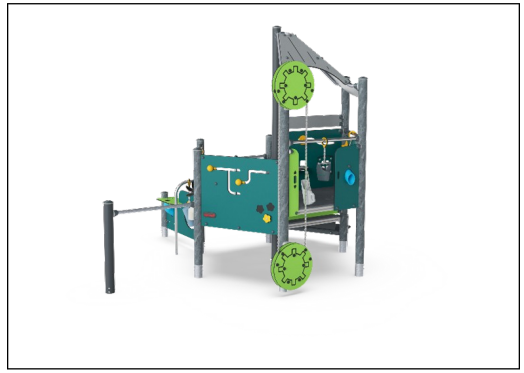
Installation Information		
Max. fall height		88 cm
Safety surfacing area		28.6 m²
Total installation time		19.4
Excavation volume		0.33 m³
Concrete volume		0.04 m³
Footing depth (standard)		90 cm
Shipment weight		572 kg
Anchoring options	Surface	✔
	In-ground	✔

Warranty Information	
EcoCore HDPE	Lifetime
Post	10 years
PP Decks	10 years
Solid plastic parts	10 years
Spare parts guaranteed	10 years



The sand hoist is designed with upper and lower EcoCore tracks of large diameter that always ensures safe distance between the chains so they cant be crossed for entanglement. The chain is made of high-quality stainless-steel to ensure long durability of the product.

The sand bucket is made in one piece of molded PE. The PE is made with 33% post-consumer materials in different colors with a wall thickness of minimum 5mm. Material in accordance with the European Standard EN 71-3 and tested for UV stability.



KOMPAN GreenLine versions are designed with ultimate environmentally friendly materials with lowest possible CO2e emission factor. TexMade post, EcoCoreTM panels of 95% post-consumer recycled waste and molded PP decks.

Sustainability Data

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Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
PCM104131-0950	772.08	1.79	68.46
PCM104131-0901	832.56	2.09	63.32

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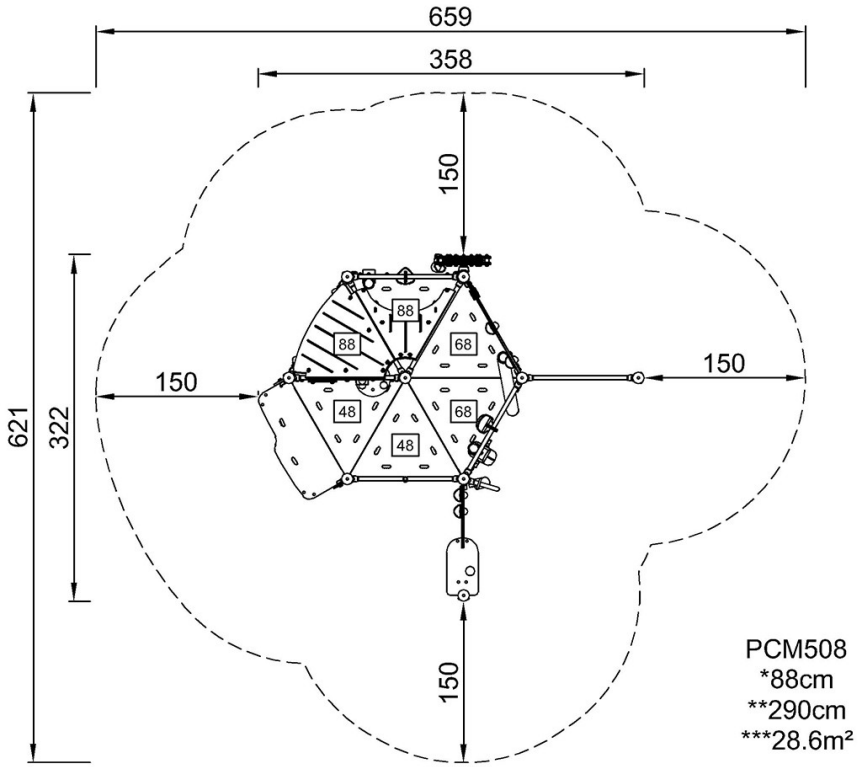
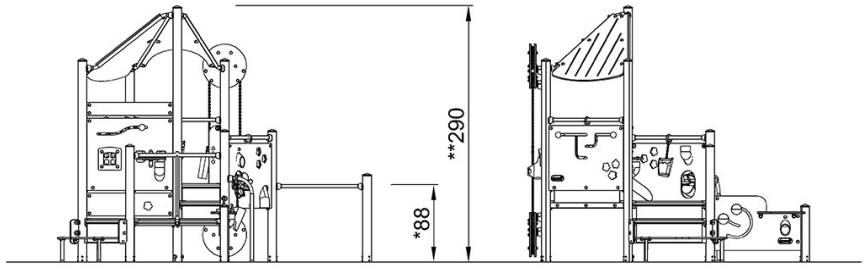
* Max fall height | ** Total height | *** Safety surfacing area



Click to see TOP VIEW

* Max fall height | ** Total height



Click to see SIDE VIEW