

# Sandworks

PCM103931



The Sandworks is an immensely attractive sand play unit that will absorb children in play for hours and hours. The crane works when someone pulls the chain. The sand bucket will go up or down or all around, but it will stay put when the chain is released. In addition to providing fascinating sand play, the Sandworks helps develop children's logical thinking skills.

The negotiation and cooperation to get sand to and from the sand table develop social-emotional skills. The sand table's sieve and tube lead sand away, training young children's understanding of object permanence: that things can still exist when out of sight. The sand bucket and shovel add a quieter sand play corner. The platform is open and can be

accessed in multiple ways, allowing for all users to play.

Item no. PCM103931-0901	
<b>General Product Information</b>	
Dimensions LxWxH	8'4"x8'0"x7'1"
Age group	2 - 5
Play capacity (users)	10
Color options	





## 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.



## 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.



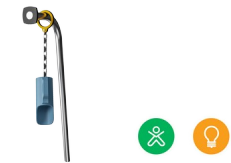
## Sand bucket

**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 hoist

**Physical:** pulling the chain trains hand and arm muscles as well as the coordination. **Social-Emotional:** cooperation and turn-taking skills are supported when cooperating on filling and hoisting sand up and down. **Cognitive:** logical thinking skills are trained when understanding that pulling down makes the sand shovel go up. **Creative:** working with moveable play items supports the child's creativity.



## Sand shovel

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

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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 material.

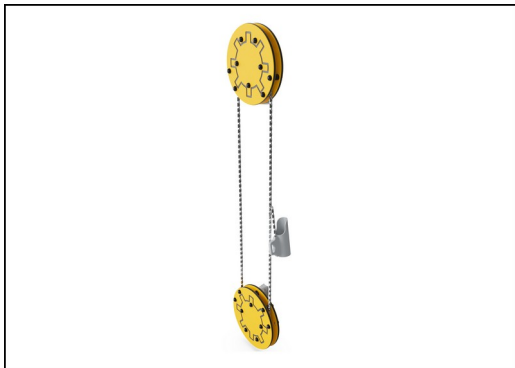


Main posts with hot-dip galvanized steel footing are available in different materials: Pressure impregnated pinewood posts. Pre-galvanized inside and outside with powder-coated top finish steel posts. Lead-free aluminum with color anodized top finish. Greenline TexMade posts of 100% post-consumer recycled PE and textile waste.



All decks are supported by uniquely 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.

Item no. PCM103931-0901	
Installation Information	
Max. fall height	1'7"
Safety surfacing area	314ft <sup>2</sup>
Total installation time	10.4
Excavation volume	0.33yd <sup>3</sup>
Concrete volume	0.03yd <sup>3</sup>
Footing depth (standard)	2'11"
Shipment weight	548lbs
Anchoring options	Surface <input checked="" type="checkbox"/> In-ground <input checked="" type="checkbox"/>
Warranty Information	
EcoCore HDPE	Lifetime
Post	10 Years
PP Decks	10 Years
Solid plastic parts	10 Years
Spare Parts Availability	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 can't 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.



Wood version of FSC®-certified (FSC®C004450) pine wood with pressure impregnated base treatment and brown painted top finish. Vertical boards and top ends protected by a unique aluminum profile for high outdoor durability.

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

**ASTM  
F1487**  
compliant

# 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	%
<b>PCM103931-0950</b>	413.11	2.00	63.44
<b>PCM103931-0901</b>	451.85	2.41	56.31

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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## 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.

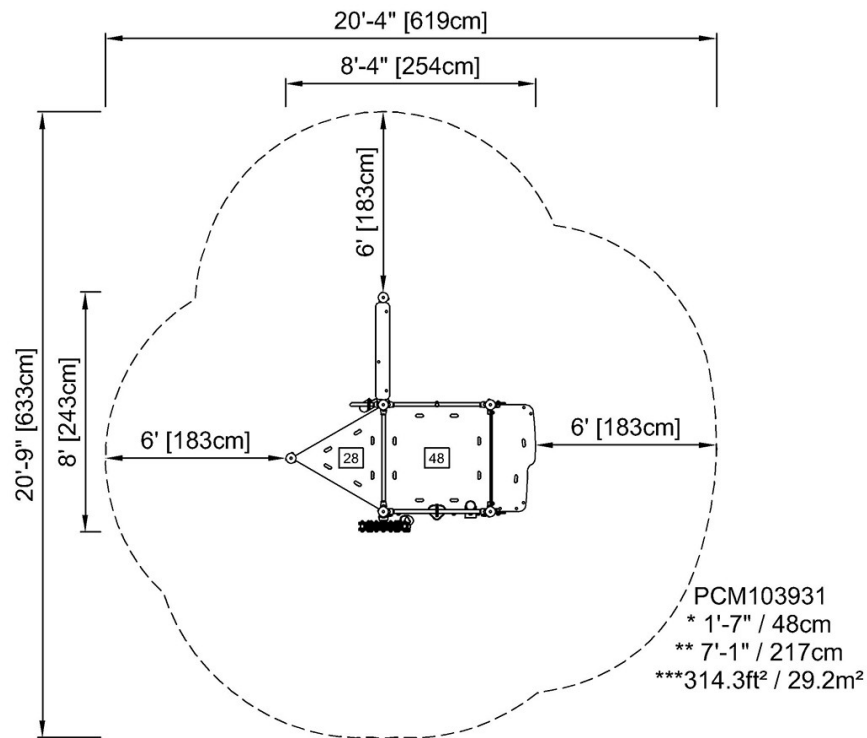
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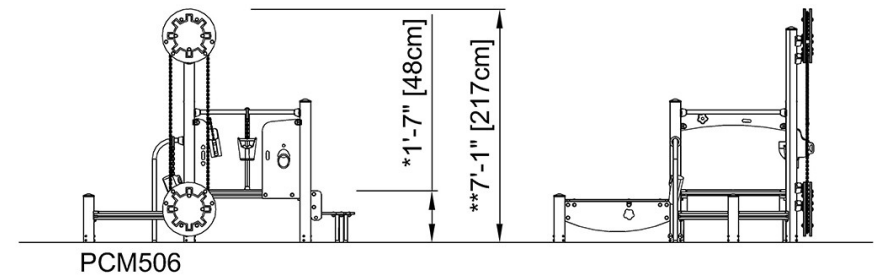


\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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