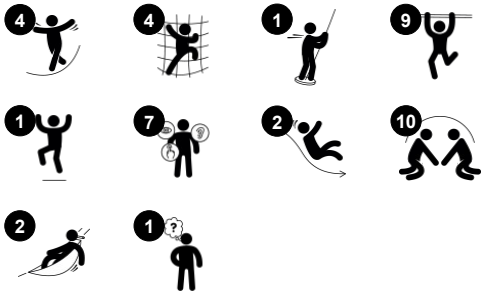
Mauna Kea

PCE211031

Item no. PCE211031-0901	
General Product Information	
Dimensions LxWxH	768x858x309 cm
Age group	4 - 12
Play capacity (users)	22
Colour options	



Wow! Endless, fun opportunities for play await in the Mauna Kea! Climbing, sliding, balancing, swaying, and hanging in arms will attract children again and again. The richness of activities apart from being great fun supports the development of physical and social-emotional skills in school children. The slides and the Fire-man's Pole help children turn-take and negotiate, supporting social-emotional development. The dare-devil fireman's pole is truly thrilling and also supports the child's spatial awareness. The wackle bridge is a challenger. And the Jacob's ladder takes great proprioception and spatial awareness skills to tackle. The monkey bars will help to develop upper body strength, and close the ground, children will delight in the hammock and ground level play. All in all, play for hours for all school agers.

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Overhead ladder
Physical: develops children's upper body muscles and arm strength, cross coordination and spatial awareness. This is especially important due to sedentary lifestyles and back-pain in children. **Social-Emotional:** chill and socialize on top of the overhead ladder, training cooperation.

Plank bridge
Physical: balancing across the plank develops the vestibular system as well as cross coordination. **Social-Emotional:** passing other children takes co-operation and teaches children turn-taking skills.

Labyrinth panel
Social-Emotional: communication and cooperation exploring the maze with friends. **Cognitive:** stimulates memory when memorizing maze routes.

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.

Binoculars
Cognitive: the binoculars set a tangible theme and thus spur dramatic play. Dramatic play is a great trainer of language and communication skills. **Creative:** the binoculars can be turned in all directions. Looking through them gives a new perspective on the world.

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.

Hammock
Physical: coordination and sense of balance when swaying. **Social-Emotional:** meeting, pushing friends gently back and forth, turn-taking.

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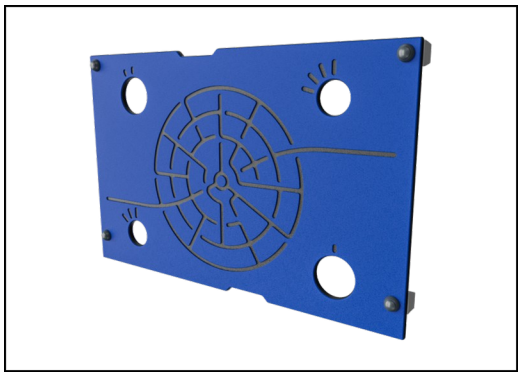
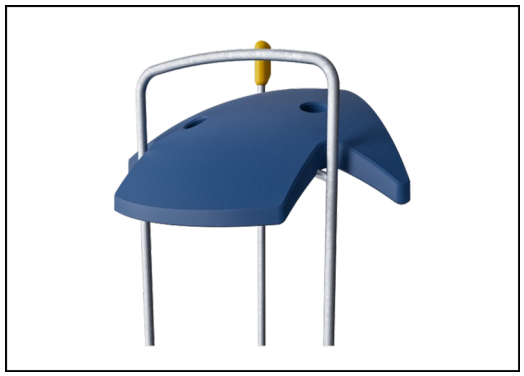


Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of material produced from +95% recycled post consumer material from food packing waste.



The ELEMENTS roofs are made of recyclable PE made from 33% post consumer recycled materials with a minimum wall thickness of 5 mm to ensure high durability in all climates around the world. The steel pipes are hot dip galvanised inside and outside for maximum durability.

Sails of commercial 95 high density PE knitted specially for sun-shade structures. The sails are treated with UV stabilizers to ensure a long life-time. The sails are supported by a hot dip galvanised steel frame and tightened by stainless steel devices.

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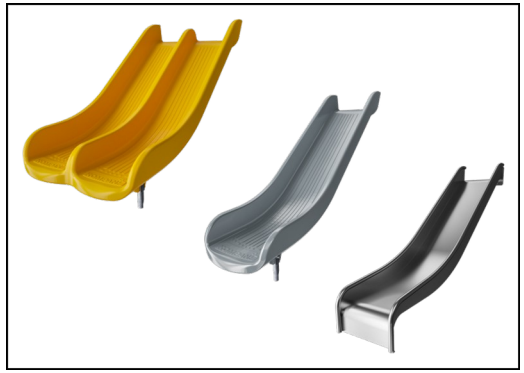
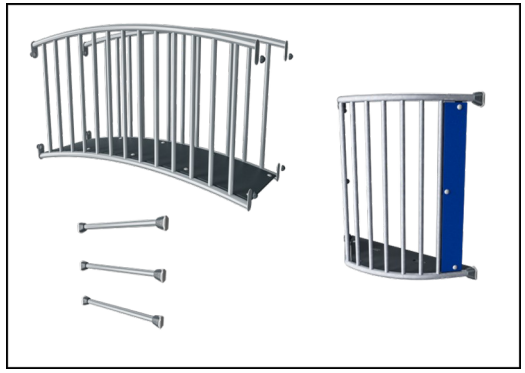
Installation Information	
Max. fall height	276 cm
Safety surfacing area	84.4 m²
Total installation time	27.6
Excavation volume	0.68 m³
Concrete volume	0.06 m³
Footing depth (standard)	90 cm
Shipment weight	934 kg
Anchoring options	In-ground ✔
	Surface ✔

Warranty Information	
EcoCore HDPE	Lifetime
Hollow PE parts	10 years
Post	10 years
PP Decks	10 years
Spare parts guaranteed	10 years

The main posts are made of high quality pregalvanized steel with powder coated top finish. Post tops are closed with caps of UV stabilized nylon (PA6). The grey colored molded decks are made of 75% post-consumer waste PP material with a non-skid pattern and texture surface. All decks are supported by unique designed low-carbon aluminum profiles with multiple attachment options.



The slides are available in either molded PE made from 33% recycled post-consumer materials in different colors or in full AISI304 stainless steel with a thickness of 2mm.



All steel activities has a unique surface treatment of hot dip galvanised base and powder coated top fiinsh to provide durable products with long lifetime for all environments.

Elevated activities **7**	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	**7**	**2**	**2**
Required	**4**	**2**	**2**

CSA Z614 compliant

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	%
PCE211031-0901	1,850.49	2.66	51.96

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

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.

Publication date: 30. October 2023

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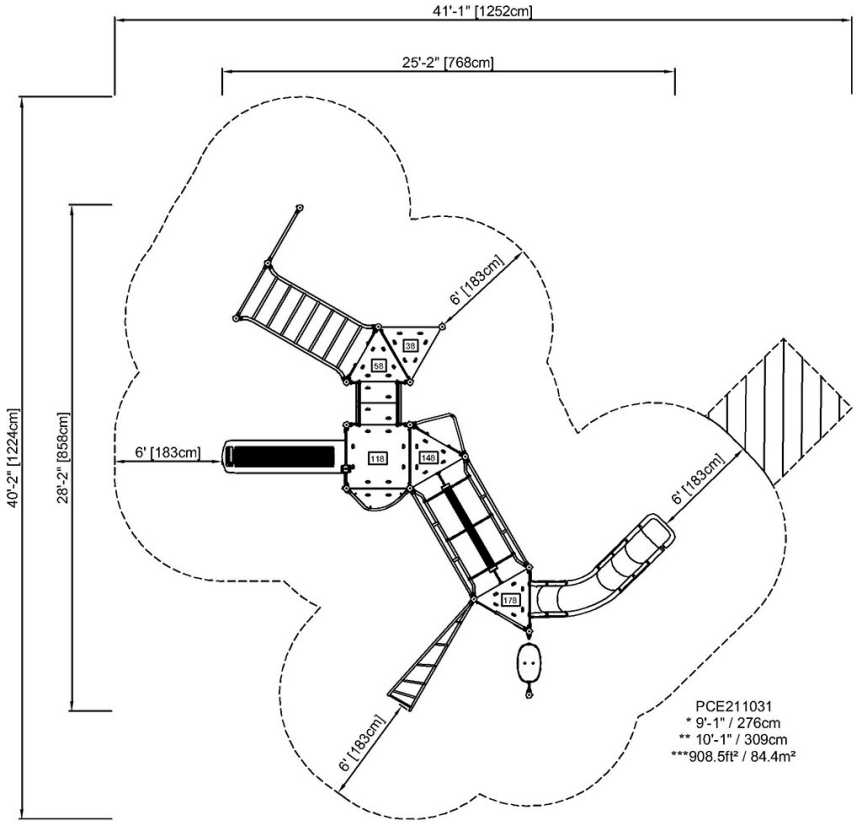
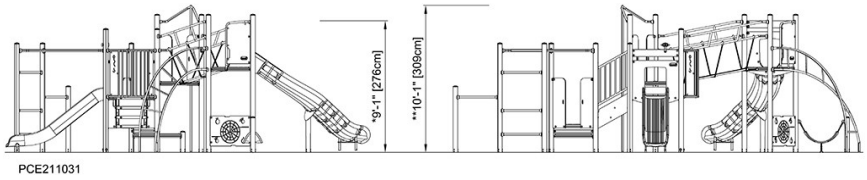
* Max fall height | ** Total height | *** Safety surfacing area



Click to see TOP VIEW

* Max fall height | ** Total height



Click to see SIDE VIEW