

Mauna Kea with Roof

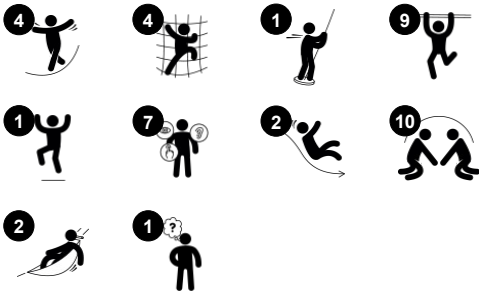
PCE211032



Item no. PCE211032-0901

General Product Information

Dimensions LxWxH	25'2"x28'2"x15'2"
Age group	5 - 12
Play capacity (users)	22
Color options	  



Wow! Endless fun opportunities await in the Mauna Kea! Climbing, sliding, balancing, swaying, and hanging will attract children again and again. The richness of activities supports the development of physical and social-emotional skills in school children. The slides and the Fire-man's Pole help children take turns and negotiate, which supports social-

emotional development. The dare-devil fireman's pole is truly thrilling and also supports the child's spatial awareness. The wackie 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. All in all, there's play for hours for all school agers.



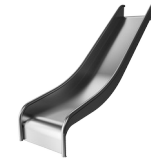
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Plank bridge

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.



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.



Hammock

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



Jacob's ladder

Physical: cross coordination and spatial awareness as well as upper body muscles when hanging with arms. This is especially important due to the sedentary lifestyles of today's children. **Social-Emotional:** turn-taking and cooperation. **Cognitive:** logical thinking when going from 2nd to 3rd step, changing feet.



Labyrinth panel

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



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.



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.

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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.



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 galvanized steel frame and tightened by stainless steel devices.

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Installation Information	
Max. fall height	7'3"
Safety surfacing area	908ft²
Total installation time	28.9
Excavation volume	0.89yd³
Concrete volume	0.08yd³
Footing depth (standard)	2'11"
Shipment weight	2048lbs
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
EcoCore HDPE	Lifetime
Hollow PE Parts	10 Years
Post	10 Years
PP Decks	10 Years
Spare Parts Availability	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 in different colors or in full stainless steel AISI304 t= 2mm.



All steel activities has a unique surface treatment of hot dip galvanized base and powder coated top finish 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

**ASTM
F1487**
compliant

Sustainability Data

PCE211032



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
PCE211032-0901	1,987.00	2.65	51.20

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))

Verification of CO₂ calculation of: Play systems



Data version no. 2023-10-05

The CO₂ 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 CO₂ 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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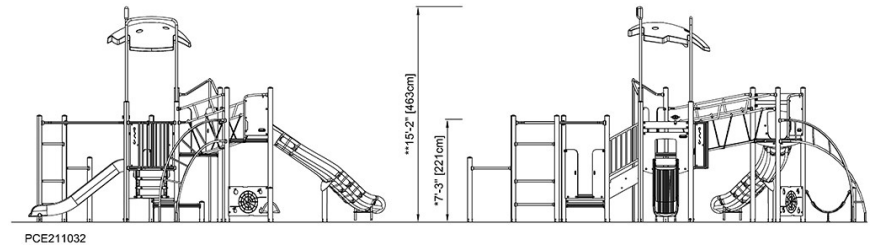
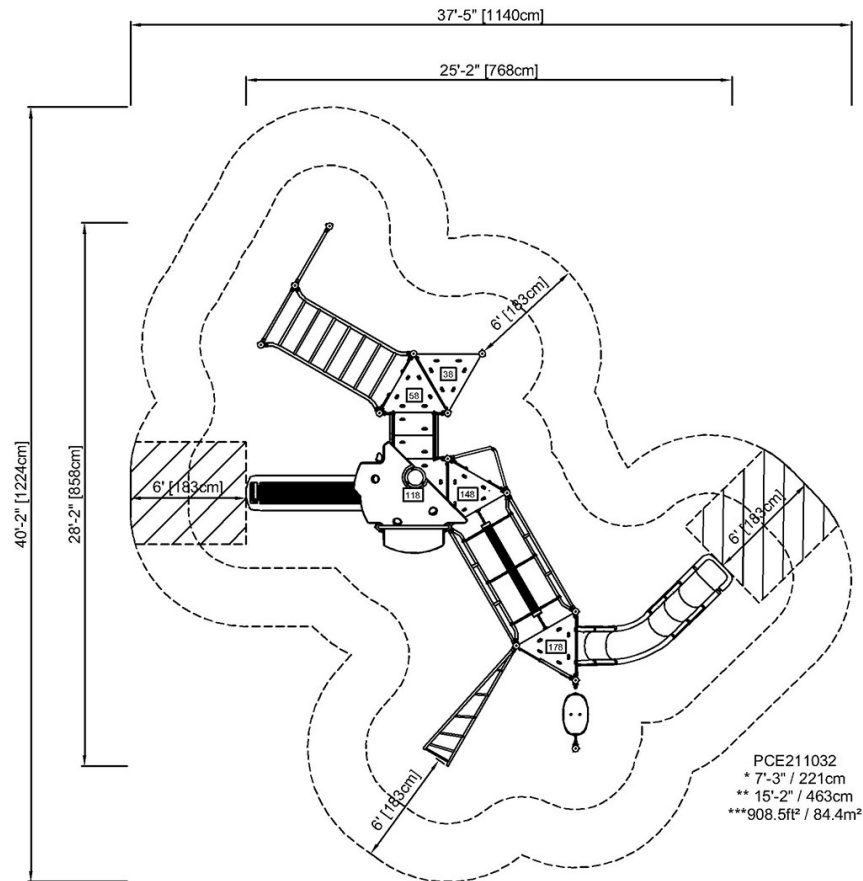


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* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



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