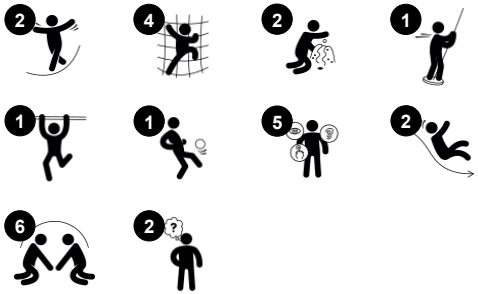
Cantata with Roof

PCE212032

Item no. PCE212032-0901	
General Product Information	
Dimensions LxWxH	702x631x447 cm
Age group	4 - 12
Play capacity (users)	22
Colour options	



The Cantata is a richly varied and physically challenging play structure. On ground level, rules play panels offer explorative play, stimulating social play and thinking skills. The elevated level can be accessed via the accessible stairway or the hugely challenging Climbing Pole or Jacob's Ladder: only older children can master the Jacob's Ladder. The twisted shape makes it a rich training of proprioception. The accessible stairway makes for easy access. Two slides lead back to ground level, offering a thrilling feeling of height and speed. Sliding is great for training the sense of balance, which is fundamental for all other motor skills.

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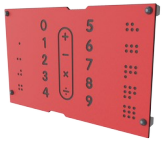
Climbing pole
Physical: cross coordination and muscle strength are trained. **Social-Emotional:** turn-taking and cooperation.



Number and shape panel
Cognitive: stimulate children's language skills and knowledge of numbers and geometric shapes.

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 sedentary lifestyles of today's children. **Social-Emotional:** turn-taking and cooperation. **Cognitive:** logical thinking when going from 2nd to 3rd step, changing feet.

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.

Ring game
Social-Emotional: cooperating from both sides on running rings up and down trains turn-taking and cooperation skills. **Cognitive:** figuring out how to turn the ring to make it fit the holes and move up or down trains logical skills. **Creative:** leaving rings in new positions leaves a mark in the playground.

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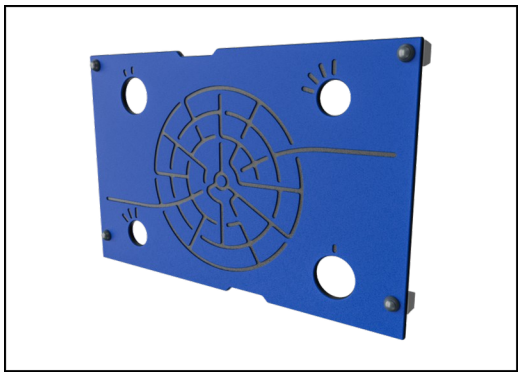
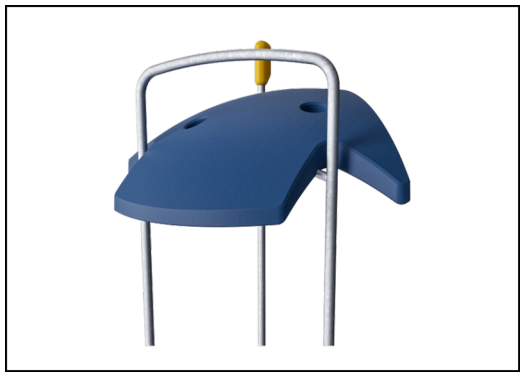


Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of material produced from +95% recycled post consumer material from food packing waste.



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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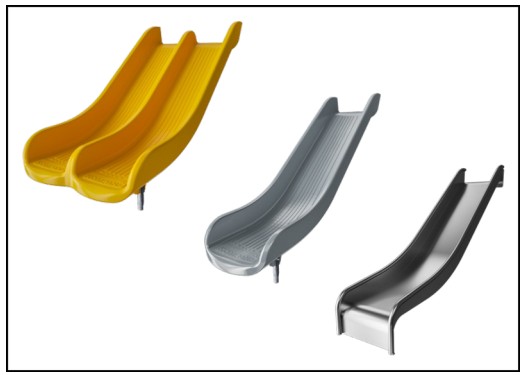
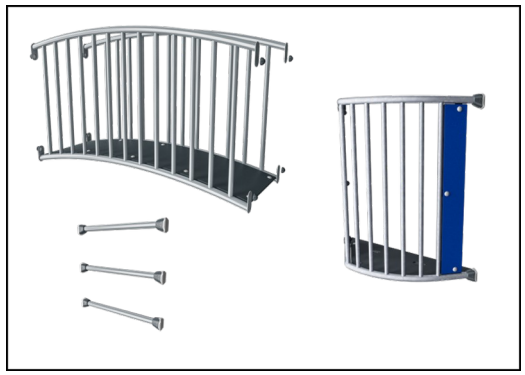
Installation Information	
Max. fall height	276 cm
Safety surfacing area	74.9 m²
Total installation time	27.1
Excavation volume	0.81 m³
Concrete volume	0.11 m³
Footing depth (standard)	90 cm
Shipment weight	1,049 kg
Anchoring options	In-ground ✔
	Surface ✔

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

PCE212032

Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
PCE212032-0901	1,855.13	2.34	57.81

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
C.F. Tietgens Boulevard 32C
DK-5220 Odense SØ
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.

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By Bureau Veritas HSE
www.bureauveritas.dk
+45 7731 1000

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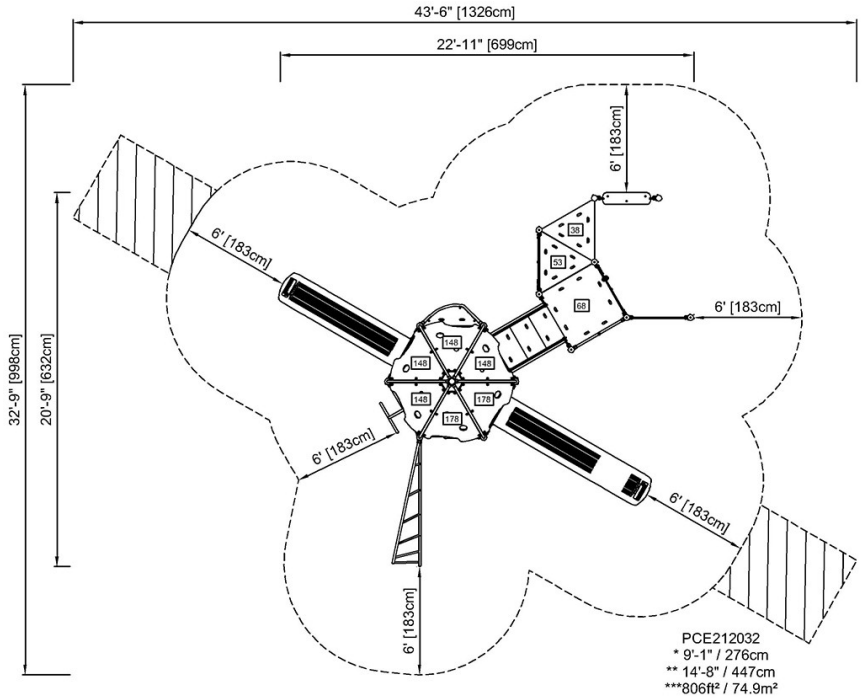
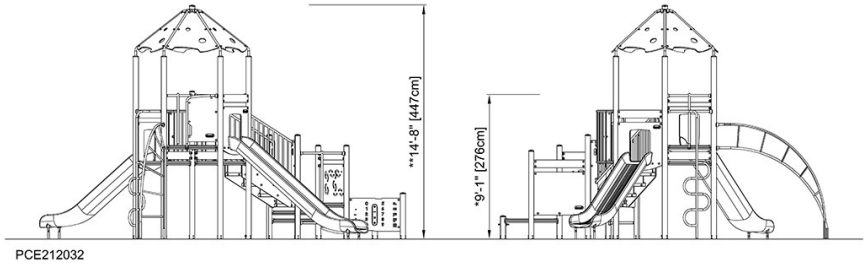
* Max fall height | ** Total height | *** Safety surfacing area



Click to see TOP VIEW

* Max fall height | ** Total height



Click to see SIDE VIEW