

# Logan

PCE111131






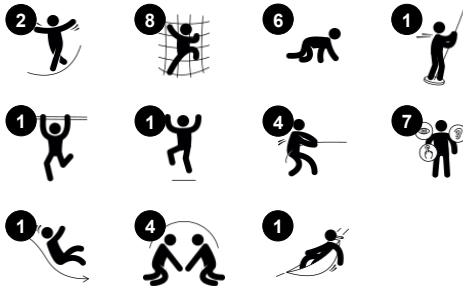
Wow! The Logan is a fantastic structure that will thrill children. With play on all sides, children will enhance their development in all areas, and they will play for longer times. Physical development will be supported by the rich variation of climbing, sliding, spinning, and gliding. These all strengthen muscles and build important motor skills such as cross-

coordination. The wall climber and climbing pole are especially attractive and fun for children when they are building their climbing skills and strength. These experiences are also enhanced by the design of the Logan which encourages social-emotional play and cooperation. With room for many to play, the Logan supports social skills. The accessible

stairway invites all in, and the room under the platforms is a nice place to retract from the wilder gliding and sliding play. The Logan perfectly supports all areas of development through active play.



Item no. PCE111131-0903	
General Product Information	
Dimensions LxWxH	17'2"x14'1"x13'11"
Age group	5 - 12
Play capacity (users)	14
Color options	  



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## Accessible stairway

**Physical:** climbing the accessible stairway is for all and supports cross coordination as well as arm and leg muscles. For young children, walking stairs and alternating feet is developed. **Social-Emotional:** room for active breaks and adult helpers. An inclusive space.



## Supportive handholds

**Physical:** handhold provides good grip for less confident climbers. Pulling yourself up and in trains upper body muscles. **Social-Emotional:** allows for a range of physical abilities to enter independently and securely, supporting play for all.



## Curved 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.



## 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.



## Climbing pole

**Physical:** develops children's cross coordination, eye-hand coordination and muscle strength when climbing up or down. **Social-Emotional:** turn-taking and self-regulation are trained, both important life skills.



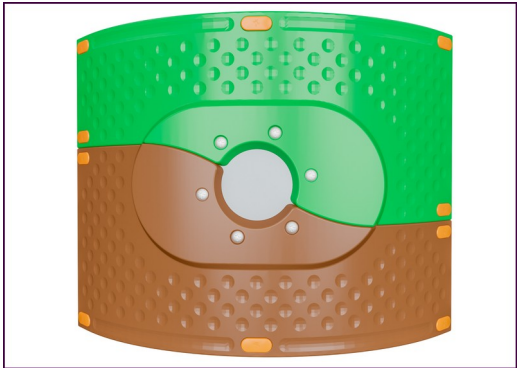
## Hammock

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

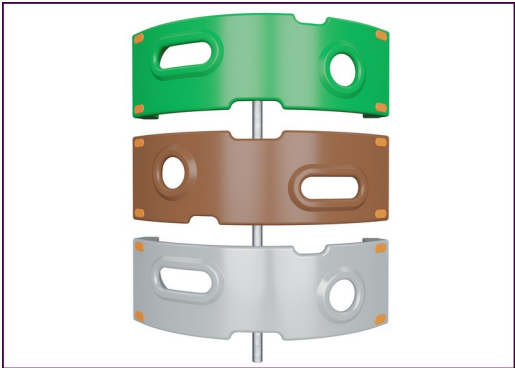


## Somersault bar

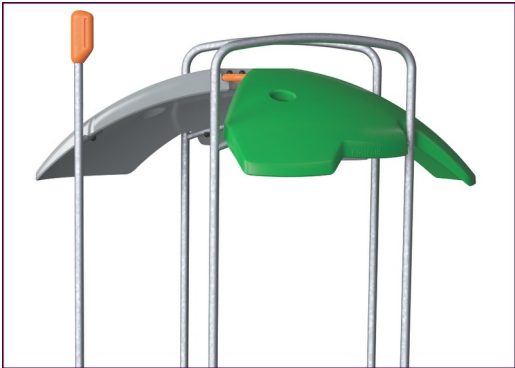
**Physical:** develop balance and core when hanging from knees. Arm, leg and core muscles are developed when climbing up, somersaulting around. Balance and spatial awareness are strengthened. **Social-Emotional:** meeting, socializing and turn-taking when climbing up and down via bar.



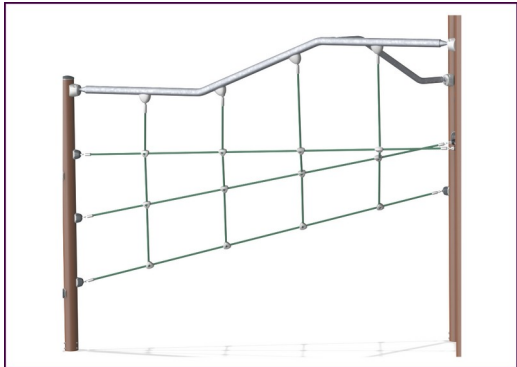
The Curved ELEMENTS panels are molded of UV stabilized recyclable PE with multiple options for in-build play features that also ensures a strong panel solution. Straight panels are made of KOMPAN 19mm PE EcoCore™ which is a highly durable, eco-friendly and recyclable material.



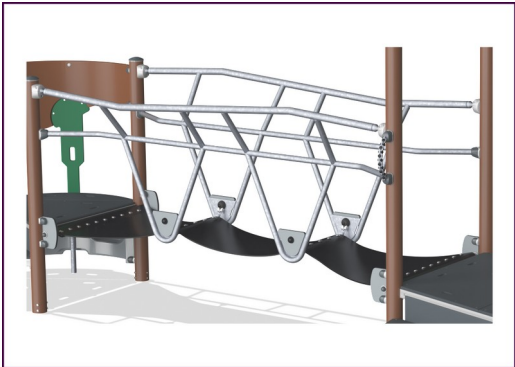
The climbing elements displayed are molded in one piece with a minimum 5mm wall thickness. The climbing elements are made of recyclable PE which has a high impact resistance across a wide temperature span which ensures vandal resistance in all locations.



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.



ELEMENTS ropes has six-stranded steel wires and a steel wire core. Each strand is tightly wrapped with PES yarn, which is made from +95% post consumer materials. The yarn is then melted onto each individual strand making the ropes highly wear- and vandalism-resistant.



ELEMENTS rubber membranes are conveyor belt made of layers of rubber mixed of natural rubber and SBR rubber, and embedded with layers of armouring made of woven PE and PA. The thickness 8mm ensures high durability in any environment.



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.

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Installation Information	
Max. fall height	5'10"
Safety surfacing area	534ft²
Total installation time	23.9
Excavation volume	0.59yd³
Concrete volume	0.05yd³
Footing depth (standard)	2'9"
Shipment weight	1404lbs
Anchoring options	Surface ✓ In-ground ✓
Warranty Information	
EcoCore HDPE	Lifetime
Post	10 Years
PP Decks	10 Years
Ropes & nets	10 Years
Spare Parts Availability	10 Years

Elevated activities 4	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	4	2	2
Required	2	1	1

ASTM  
F1487  
compliant

# Sustainability Data

PCE111131



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	%
PCE111131-0903	1,331.22	2.64	52.28

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



## 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.

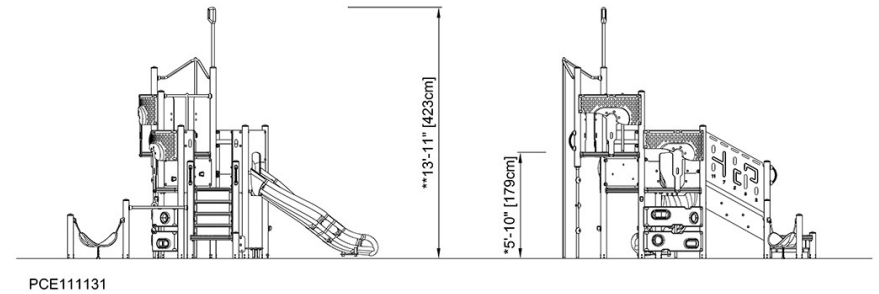
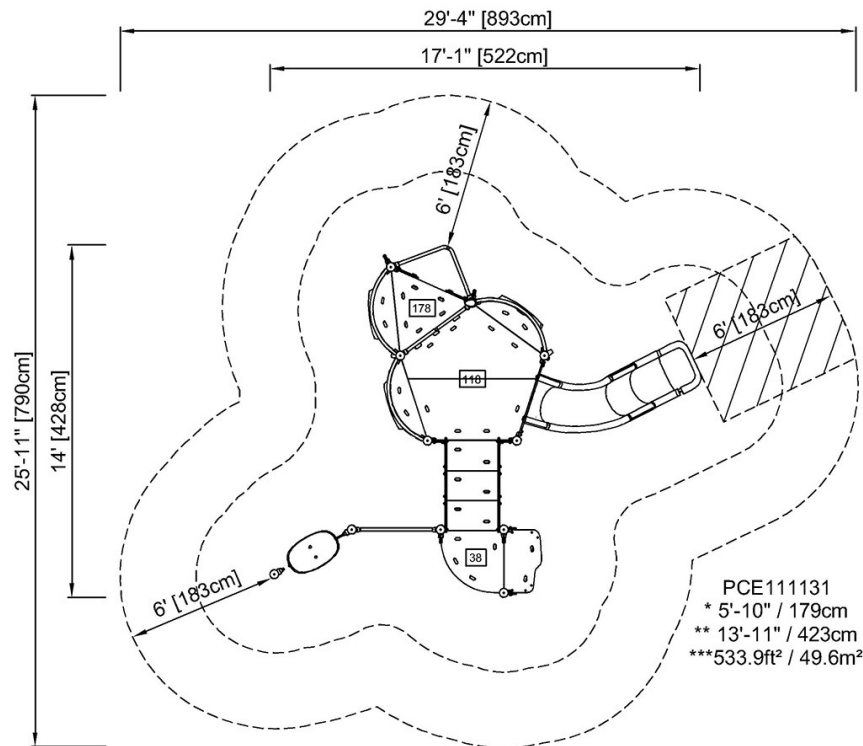
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By Bureau Veritas HSE  
www.bureauveritas.dk  
+45 7731 1000



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

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



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[Click to see SIDE VIEW](#)