

# Cave Trail

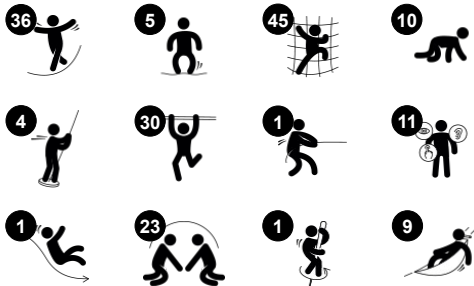
CRP252201



Item no. CRP252201-0902

### General Product Information

|                       |   |
|-----------------------|---|
| Dimensions LxWxH      | 1929x1643x463 cm  |
| Age group             | 6+  |
| Play capacity (users) | 100   |
| Colour options        |    |



The Cave Trail provides highly attractive challenges for children, which make them want to come back again and again. The rich variety of balancing, swaying, spinning and climb-and-crawl activities are great to help develop children's sense of balance, coordination and proprioception, which is fundamental for managing a range of life skills in the future.

When playing “the ground is made of lava” on the exciting loops, children develop motor skills and muscles. But they also use and build important social-emotional skills such as turn-taking, empathy, teamworking and communication. Outside the loops, the Musca Spinner trains upper body muscles and is great for the understanding of rotation principles,

whereas the Sputnik invites for a break and socialising. The trail offers graded play challenges, and the slide invites a fun egress back to ground level. This is the favourite way of older children to connect, communicate and cooperate, and make friendships for life.



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CRP252201



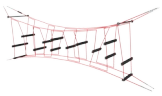
## Satellite spinner

**Physical:** balance when standing, sitting and rotating, muscles develop when holding tight.  
**Social-Emotional:** turn-taking, socializing.  
**Cognitive:** logical thinking, figuring out how to make the spinner work with gravity, not against it.



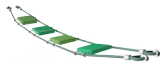
## Trapezoid climber

**Physical:** the bouncy membrane trains the sense of balance, which is fundamental for movement control. The inclined membranes motivate climbing, which trains cross-body coordination. Arm, leg and core muscles are strengthened, too. **Social-Emotional:** cooperation, sharing and empathy are developed when children play together on the bouncy membranes.



## Hurdles

**Physical:** arm, leg and core muscles are developed when climbing up or through. Balance and spatial awareness, motor skills that help in judging the body in space. **Social-Emotional:** cooperation and turn-taking when passing one another.



## Shaky pods rope

**Physical:** sense of balance and space, and training of posture. Important for being able to sit still. **Social-Emotional:** cooperation, turn-taking and friendly competition on the plates.



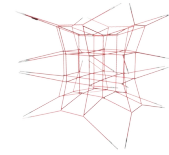
## Zig-zag slider

**Physical:** muscle strength, balance and coordination when climbing up and down, holding tight.



## 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.



## Cube net

**Physical:** agility, balance and coordination as well as spatial awareness are supported when bouncing, climbing and sitting in the net. Children train their arm, leg and core muscle strength. **Social-Emotional:** great meeting point that invites socializing and sharing.

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Ropes of UV-stabilized PES rope strands with inner steel cable reinforcement. The polyester yarn is made from +95% post-consumer materials and is inductively melted onto each strand.



Corocord 'S' clamps are used as universal connections in Corocord products. 8mm stainless steel rods with rounded edges are pressed around the ropes with a special hydraulic press, making them the ideal connector: safe, durable and vandalism-proof, all while allowing the typical movement of rope play structures.



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.



Colored steel components have a base of hot dip galvanization and a powder coated top finish. This provides an ultimate corrosion resistance in all climates around the world. Other steel surfaces are hot dip galvanized inside and outside with lead free zinc.



Corocord smart clamps are carefully designed in every detail to ensure superior flexibility in high quality aluminum material. The smart clamps are attached around the posts with four steel bolts. Not used attachment points are closed with PA caps.



Molded PE slides made with 33% post-consumer materials in different colors in one-piece design with a wall thickness of minimum 5mm. The PE is tested for UV stability and has excellent impact strength and it is usable within a large temperature span.

|                          |                          |
|--------------------------|--------------------------|
| Item no. CRP252201-0902  |                          |
| Installation Information |                          |
| Max. fall height         | 290 cm                   |
| Safety surfacing area    | 294.1 m²                 |
| Total installation time  | 90.9                     |
| Excavation volume        | 46.47 m³                 |
| Concrete volume          | 26.85 m³                 |
| Footing depth (standard) | 90 cm                    |
| Shipment weight          | 4,160 kg                 |
| Anchoring options        | Surface ✓<br>In-ground ✓ |
| Warranty Information     |                          |
| Aluminium clamps         | 10 years                 |
| Hot dip galvanised steel | Lifetime                 |
| Painted toplayer         | 10 years                 |
| Ropes & nets             | 10 years                 |
| Spare parts guaranteed   | 10 years                 |





# Sustainability Data

CRP252201



| 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 | %                  |
| CRP252201-0902       | 9,558.60                       | 3.37                    | 44.90              |

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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DK-5220 Odense SØ  
Denmark



## Verification of CO<sub>2</sub> calculation of: Corocord



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: "Corocord" represented by item no.: COR314011-1101.

(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.

**Publication date: 30. October 2023**

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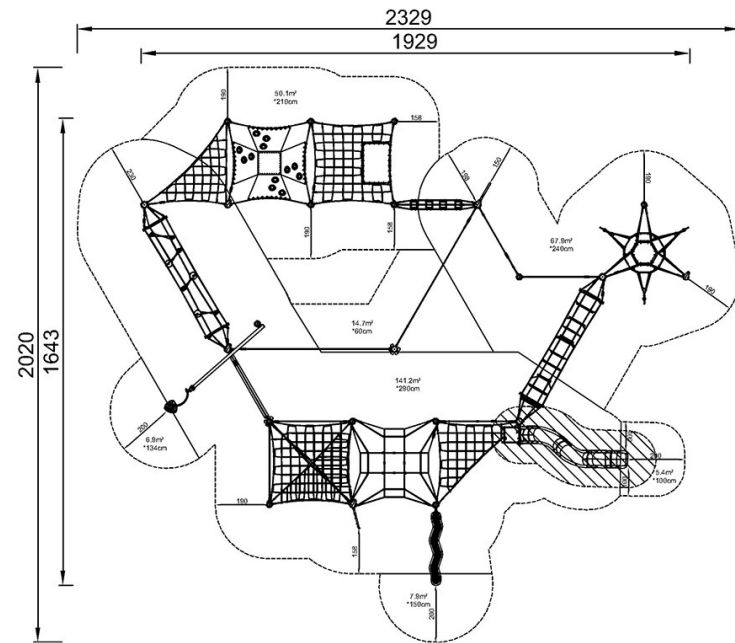


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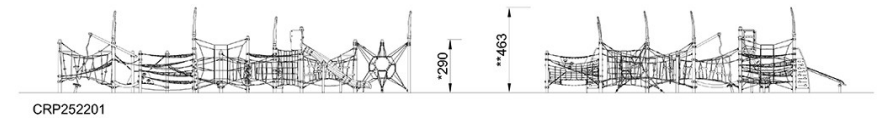
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



CRP252201  
\*290cm  
\*\*463cm  
\*\*\*294.1m²



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