

# Arch Ladder, 2.0m high

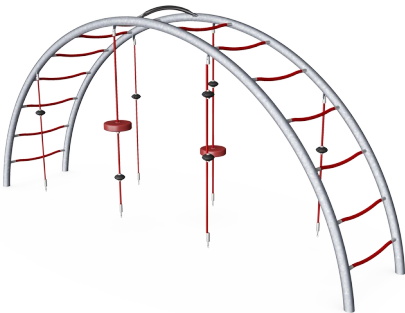
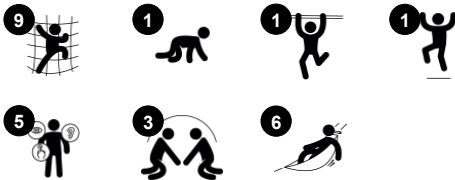
COR20210



Item no. COR202101-0301

### General Product Information

Dimensions LxWxH	439x105x200 cm
Age group	5 - 12
Play capacity (users)	20
Colour options	 



The Large Arc Ladder is an appealing climbing and meeting structure for the youngest players. The versatile climbing opportunities; up, down, through and across will attract children to return to play, again and again. The swaying ropes with seats and UFO's invite vertical climbing as well as a swaying rest with friends, seated or standing which stimulates social

interaction. The arc ladder makes a nice climb to the top, where children can get a great view from above. Apart from having great fun exploring play possibilities, children develop their cross-coordination and muscle strength when climbing and when passing others when climbing through trains turn-taking skills and consideration. These varied climbing

possibilities make it possible for both timid and courageous children to experience successful play and participate which is important for positive self perception.

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## Rope ladder

**Physical:** the big steps allow for climbing and crawling through, supporting proprioception and spatial awareness. Climbing here takes big steps, developing cross coordination and muscle strength, arms pulling to get upwards.

**Social-Emotional:** the big meshes allow more children being seated together, sharing.



## Rope with rubber disc

**Physical:** children develop cross-body coordination and muscle strength when stepping onto the disc and climbing the rope. Their sense of balance is trained when swaying gently. The sense of balance is important for instance for being able to sit still.

**Social-Emotional:** socializing and turn-taking when deciding who should sit here.



## Frame

**Physical:** develop children's upper body muscles and arm strength when hanging from arms. This is especially important due to sedentary lifestyles and back-pain in children.

**Social-Emotional:** develop children's turn-taking skills and empathy when passing others on the top frame.

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Corocord 16mm 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. The ropes are highly wear-and vandalism-resistant and can be replaced at site if needed.



The steel structure are hot dip galvanized inside and outside with lead free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.



Fully coloured EPDM rubber discs with smooth surface. The moulded EPDM surrounds a hot dip galvanized steel core that ensures both the stability of the discs and durable fixation to the rope.

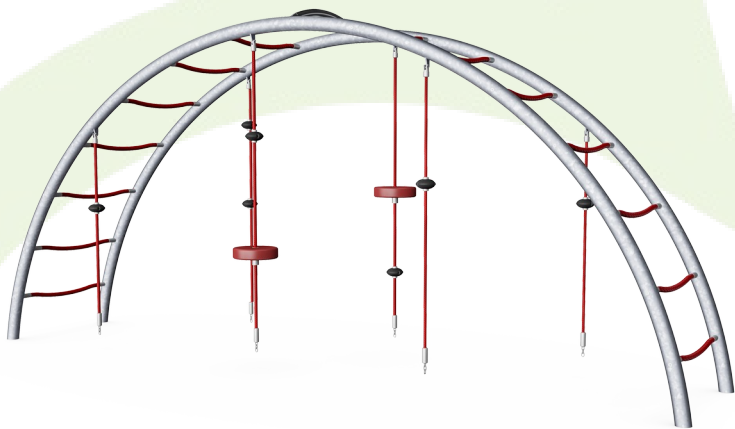
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Installation Information	
Max. fall height	200 cm
Safety surfacing area	34.9 m²
Total installation time	5.9
Excavation volume	2.38 m³
Concrete volume	1.70 m³
Footing depth (standard)	90 cm
Shipment weight	200 kg
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
Corocord rope	10 years
EPDM components	2 years
Hot dip galvanized steel	Lifetime
S-Clamps	10 years
Spare parts guaranteed	10 years

Elevated activities 0	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	0	1	1
Required	0	1	1



# Sustainability Data

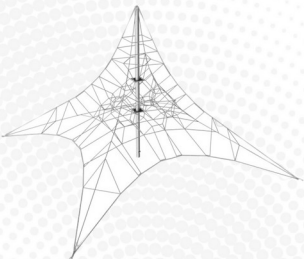
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Cradle to Gate A1-A3	Total CO <sub>2</sub> emission	CO <sub>2</sub> e/kg	Recycled materials
	kg CO <sub>2</sub> e	kg CO <sub>2</sub> e/kg	%
COR202101-0301	507.87	3.03	45.55

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 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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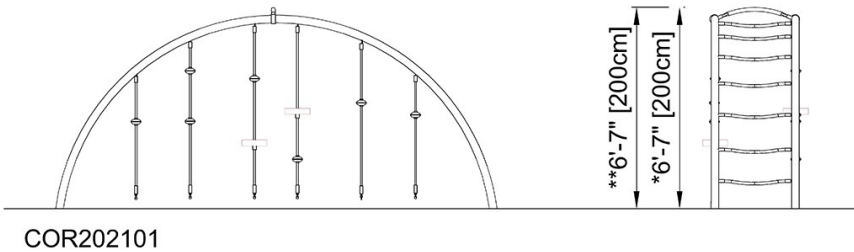
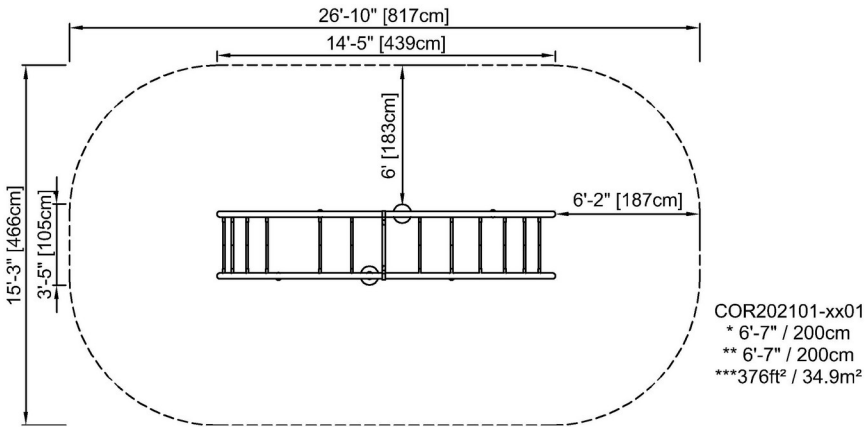


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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[Click to see SIDE VIEW](#)