

# Robinia Cliff Rider, 8ft H

NRO3002





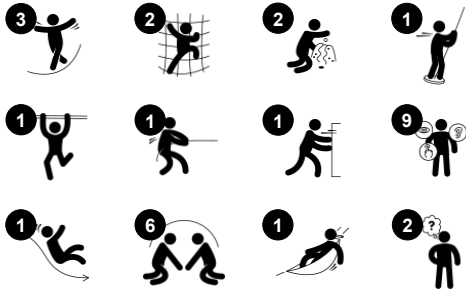
The wildly thrilling Cliff Rider hugely attracts school age children with its repeated loops of action. Under the platform, a swaying hammock invites a break. The intensely thrilling ride high up in the air, on a small footrest, is for the courageous. And those who aren't at the first go, get there with a little help from their friends. Till then, there is ample climbing and

sliding on the Pipe Ladder, Somersault Bar and Slide. The Cliff Rider trains muscle force, tension, timing and sequencing of movements. Judging your body's movements, object control as well as timing is quite a complex task, but a necessary life skill that make it possible to navigate the body securely and confidently through environments, e.g. street traffic.

Furthermore, the self-confidence that children gain from overcoming their initial hesitations to travel on the Cliff Rider, is the more reason that they should.



Item no. NRO3002-1021	
General Product Information	
Dimensions LxWxH	31'2"x14'4"x12'0"
Age group	5 - 12
Play capacity (users)	21
Color options	 



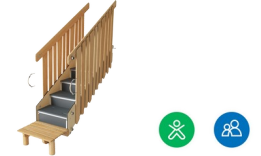
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## Somersault bar

**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.



## 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.



## Pipe ladder

**Physical:** cross coordination and eye-hand coordination are supported when children climb the ladder. The climbing also supports leg and arm muscles. **Social-Emotional:** learning about taking turns and cooperation.



## Cliff rider

**Physical:** pushing with the feet and pushing and pulling with the arms train major muscles. The force of movement needs to be calibrated for a smooth ride to the other side, which trains proprioception. Timing, force and sequence of movements train proprioception and coordination skills that build physical confidence in children. **Social-Emotional:** supports cooperating, turn-taking skills and empathy. Stepping into the open air builds courage. **Cognitive:** the force and coordination of movements add to childrens' confidence and teach them important life skills.



## Hammock

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



## 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.



## Gear wheels panel

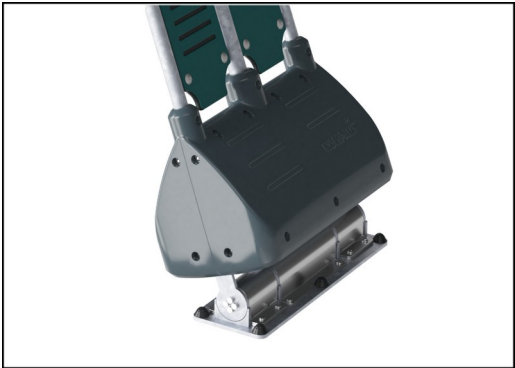
**Social-Emotional:** cooperation skills and taking turns are developed when turning the gearing wheel. **Cognitive:** cause and effect understanding, and logical thinking are supported.

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The pole vaulter pole is made of a welded steel construction with a 360° standing platform of Ekogrip. The double sided curved handles are made of EcoCore material. The pole combines superior ergonomics with outstanding functionality.



The rocking movement back and forth is controlled by a heavy duty scaled double rubber torsion spring element. The rubber element ensures a safe movement and reduces speed towards the tower platforms. The base cover of molded PE material with high impact resistance.



The curved start platforms are made of a curved stainless steel plate with non skid texture. The lower part of the platform is supported by a EcoCore board for safe foothold and the rubber bumper is placed to receive the pole.

Item no. NRO3002-1021	
Installation Information	
Max. fall height	6'11"
Safety surfacing area	732ft²
Total installation time	42.7
Excavation volume	3.36yd³
Concrete volume	1.66yd³
Footing depth (standard)	3'3"
Shipment weight	3539lbs
Anchoring options	Surface ✓ In-ground ✓
Warranty Information	
EcoCore HDPE	Lifetime
Hot dip galvanized steel	Lifetime
Robinia Wood	10 Years
Spare Parts Availability	10 Years
Stainless steel slide	10 Years



The paint used for colored components is water based environmental friendly with excellent UV resistance. The paint is in compliance with EN 71 Part 3.



All Organic Robinia products by KOMPAN are made of Robinia wood from sustainable European sources. On request it can be supplied as FSC® Certified (FSC® C004450).



The Robinia products are designed with a KOMPAN color concept with a number of different standard colors. The wood can also be supplied as untreated or with brown painted with a pigment that maintains the wood color.

Elevated activities 4	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	3	2	2
Required	2	1	1

**ASTM  
F1487**  
compliant

# Sustainability Data

NRO3002



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	%
NRO3002-1021	1,111.58	0.80	12.53

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: Nature play



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: "Nature play" represented by item no.: NRO409-0621.

(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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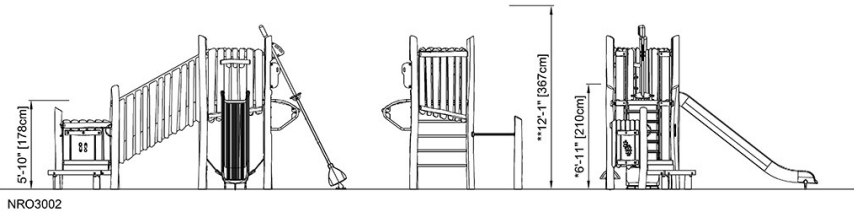
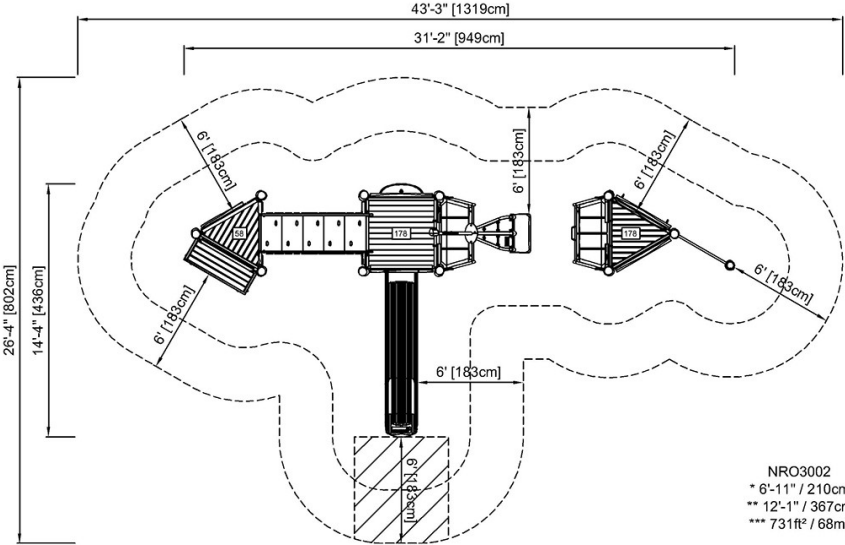


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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[Click to see SIDE VIEW](#)