

# Carousel with Seats

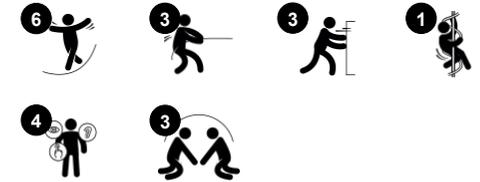
NRO120



Item no. NRO120-0901

## General Product Information

Dimensions LxWxH	5'1"x5'1"x2'8"
Age group	5 - 12
Play capacity (users)	8
Color options	



The Carousel with Seats is an attractive playground classic for children and adults alike. With its two seats and spinning option it invites social play and excitement, a winning combination for children. The spinning starts by pushing or pulling the carousel into motion from the outside. The circular shape makes room for users both seated and standing, and for

jumping on and off. Spinning on the carousel trains the vestibular system and the whole sense of balance. This is fundamental for the child's ability to navigate the world securely. It's fundamental for walking, running and being able to sit still and concentrate. When the sense of balance is under-developed, children must focus only on keeping equilibrium,

whether seated or standing. So the thrill of spinning is not only fun but also serves a true purpose.



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## Handhold

**Physical:** the possibility of holding onto more of the handhold ensures a good grip, necessary for spinning intensely. This trains the hand and arm muscles.



## Rotation

**Physical:** pushing or pulling into motion, children use their muscle strength and their cardio. The rotation develops the sense of balance and space when enjoying the ride.  
**Social-Emotional:** listening and negotiating how slow or fast to go, children develop empathy and cooperation skills.



## Seat

**Social-Emotional:** offers a place to sit for the less confident spinners.

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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 steel surfaces are hot-dip galvanized inside and outside with lead-free zinc. The galvanization has excellent corrosion resistance in outside environments and requires minimal maintenance.



Heavy duty engineered bearing system with two single row deep groove high quality ball bearings with rubber seals. The fully closed bearing construction is lifetime lubricated and located above ground.

Item no. NRO120-0901	
Installation Information	
Max. fall height	2'8"
Safety surfacing area	420ft <sup>2</sup>
Total installation time	3.0
Excavation volume	0.58yd <sup>3</sup>
Concrete volume	0.55yd <sup>3</sup>
Footing depth (standard)	3'3"
Shipment weight	354lbs
Anchoring options	In-ground ✓
Warranty Information	
Bearing construction	5 Years
Hot dip galvanized steel	Lifetime
Robinia Wood	10 Years
Spare Parts Availability	10 Years

Elevated activities <b>0</b>	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	<b>0</b>	<b>1</b>	<b>1</b>
Required	<b>0</b>	<b>1</b>	<b>1</b>



# Sustainability Data

NRO120



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	%
<b>NRO120-0901</b>	335.60	2.32	41.40

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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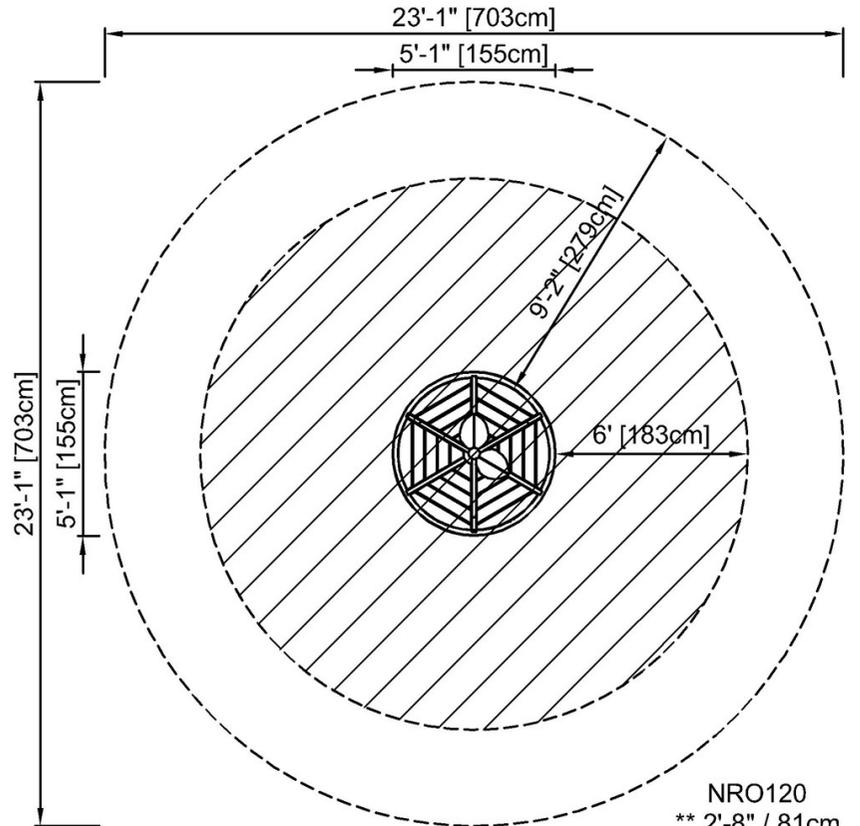


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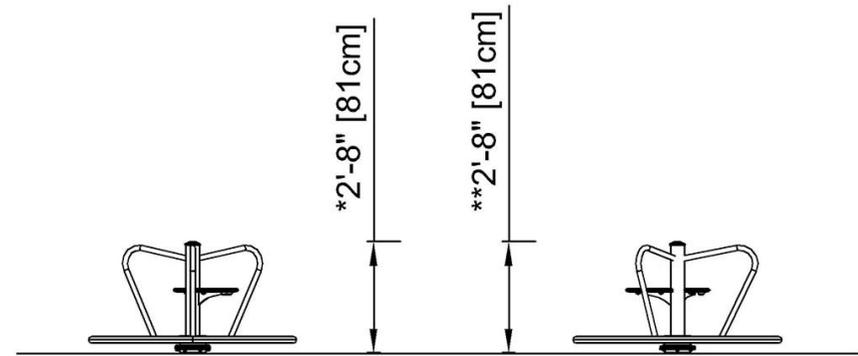
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



NRO120  
\*\* 2'-8" / 81cm  
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\*\*\* 419.8ft<sup>2</sup> / 39m<sup>2</sup>



NRO120

[Click to see TOP VIEW](#)

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