

# Carousel



NRO109

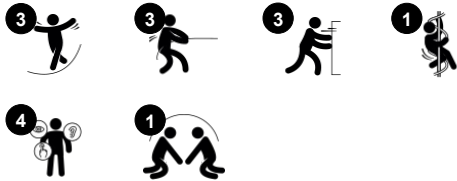


The Carousel is a classic playground magnet which attracts children again and again. The secret of its success is the immediate response it gives children: when they move, it spins them right back. The roomy platform allows for seated, standing, even lying, spins. This accommodates users of a span of ages and abilities. When standing, the handholds offer a

firm grip. This may be necessary on exhilarating wild rides. Apart from being great fun, the carousel offers great muscle training when children kick the carousel into motion. The spinning also trains crucial motor skills such as the senses of balance and space. These are fundamental for judging distances and for instance navigating streets securely.

The sense of balance also makes it possible for children to sit still on a chair. So carousels are more than mere fun.

Item no. NRO109-0901	
General Product Information	
Dimensions LxWxH	120x120x103 cm
Age group	4+
Play capacity (users)	6
Colour options	 



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## Handhold

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



## Rotation

**Physical:** pushing or pulling it into motion, children use their muscle strength and strengthen 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 their empathy and cooperation skills.

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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 galvanised inside and outside with lead free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.



The Robinia wood can be supplied as untreated raw wood or painted with a brown coloured transparent pigment that maintains the golden wood colour of the wood.



The large heavy duty bearing system with ball bearings is located below the deck well protected from dirt and soil. The bearing system is lubricated from a center point through an opening in the aluminum deck

Item no. NRO109-0901	
Installation Information	
Max. fall height	100 cm
Safety surfacing area	21.2 m²
Total installation time	2.6
Excavation volume	0.44 m³
Concrete volume	0.41 m³
Footing depth (standard)	100 cm
Shipment weight	155 kg
Anchoring options	In-ground ✓
Warranty Information	
Handle	10 years
Hot dip galvanised steel	Lifetime
Robinia wood	15 years
Spare parts guaranteed	10 years



# 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	%
NRO109-0901	177.50	1.44	25.50

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**  
Let's play

## Kompan A/S

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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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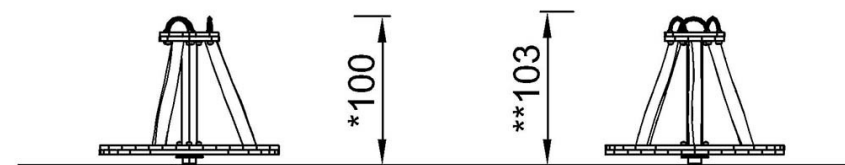
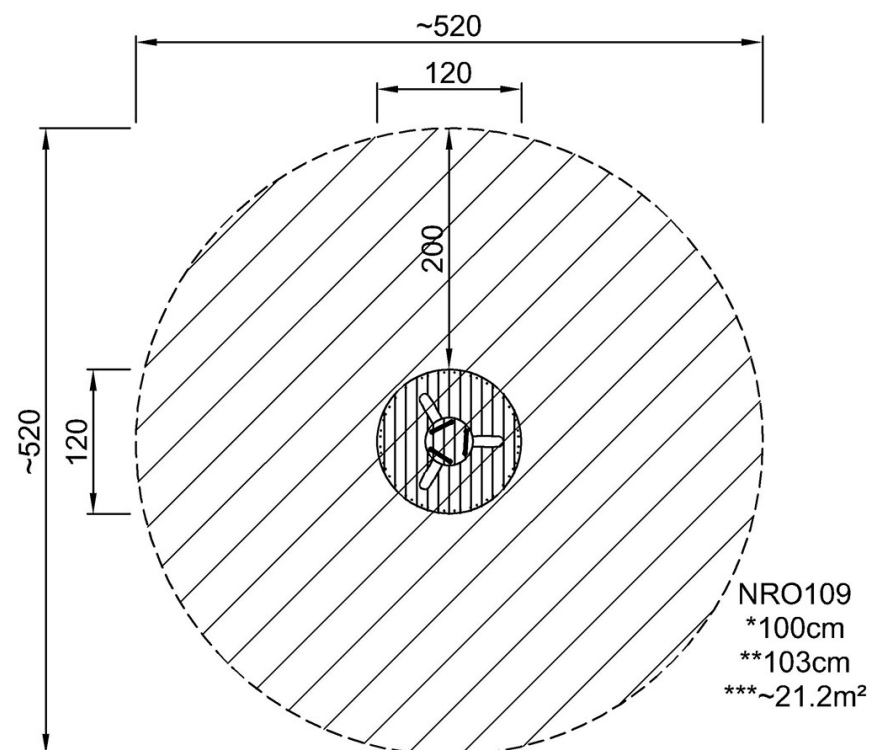


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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[Click to see SIDE VIEW](#)