Turbo Carousel

PCM161

Item no. PCM161-0901	
General Product Information	
Dimensions LxWxH	233x211x232 cm
Age group	5 - 12
Play capacity (users)	9
Colour options	

The Turbo Carousel is a playground hit that will make children come back again and again. With its responsive rings that rotate around their own axis and around the pole, too, the Turbo Carousel attracts children immediately. The upper body muscles and cores of children are constantly at work when hanging in arms or head down. This trains the upper body muscles as well as spatial awareness. These skills are important for confidently navigating the body in the world. Jumping down, spinning friends around and making the way up again activate children's motor skills, muscles, cardio and build their bone density. These are developed for life in childhood, so the more they play, the more they gain. The step point support children of different sizes to access the spinning experience. The rings provide high play capacity, which in turn spurs rough-and-tumble play, cooperation and turn-taking. This builds social-emotional learnings and friendships for life.

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Turbo Spinner
Physical: balance, spatial awareness and coordination are developed when spinning around, as well as arm and core muscles when holding tight. Jumping off strengthens bone density, which is built for life in early childhood. **Social-Emotional:** turn-taking, cooperation and empathy are trained when many children are spinning together.

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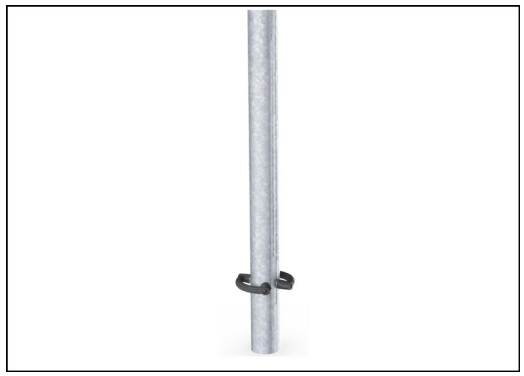
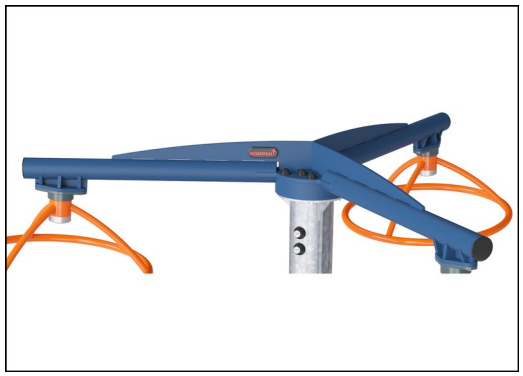
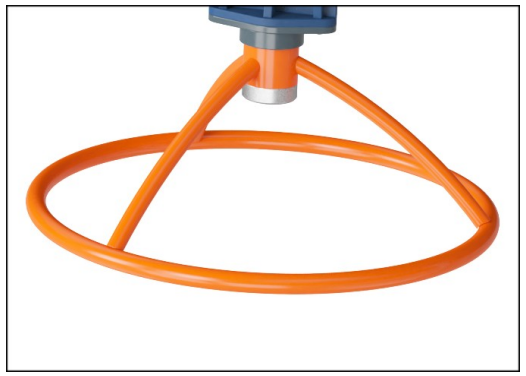


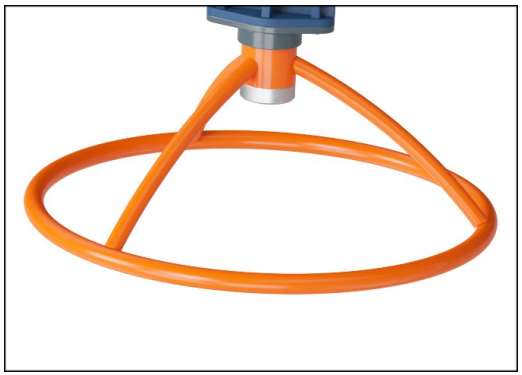
The steel surfaces are hot dip galvanised inside and outside with lead free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.



Powder coated top finish on top of galvanisation is processed in two steps: Light grinding and clean sweeping, powder coating - thickness 70-120 µm.



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.



Steps are made of PUR. It retains their properties in the temperature range of -30°C to 60°C. Step is stabilised to a maximum without use of heavy metal stabilities.

Item no. PCM161-0901

Installation Information		
Max. fall height		200 cm
Safety surfacing area		26.2 m²
Total installation time		3.9
Excavation volume		0.45 m³
Concrete volume		0.12 m³
Footing depth (standard)		90 cm
Shipment weight		262 kg
Anchoring options	Surface	✔
	In-ground	✔

Warranty Information	
Bearing construction	5 years
Hot dip galvanised steel	Lifetime
Painted toplayer	10 years
PUR components	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**	**0**	**0**

Sustainability Data

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Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
PCM161-0901	432.30	2.96	46.10

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))

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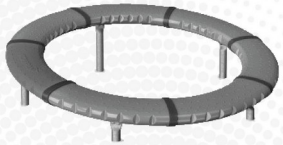
Validation of CO_2 calculation method
BUREAU VERITAS
HSE Denmark A/S

Verification of CO_2 calculation of: Freestanding play equipment



Data version no. 2023-10-05

The CO_2 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: "Freestanding play equipment" represented by item no.: GXY916012-3417.

(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_2 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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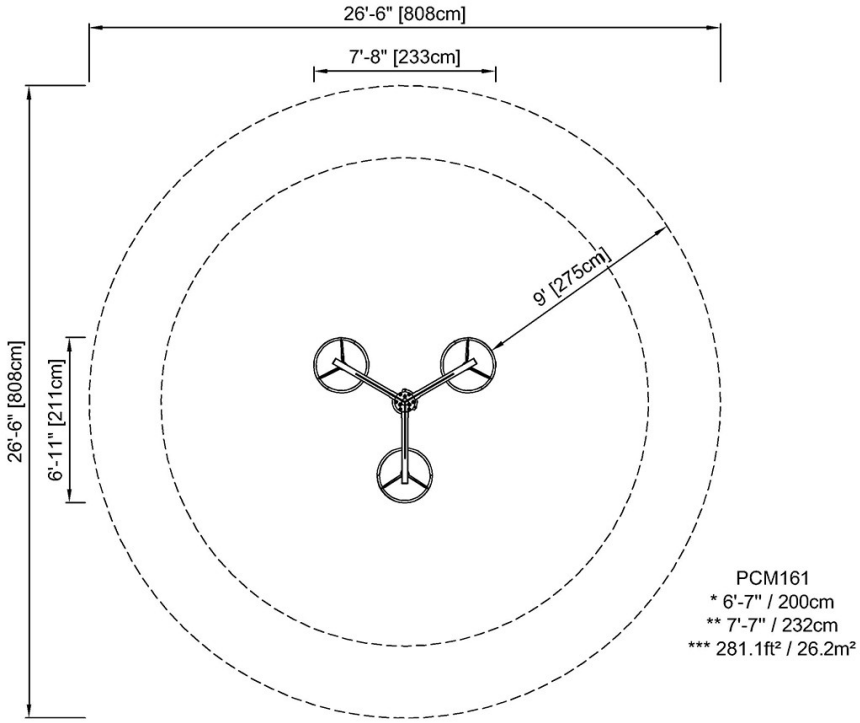
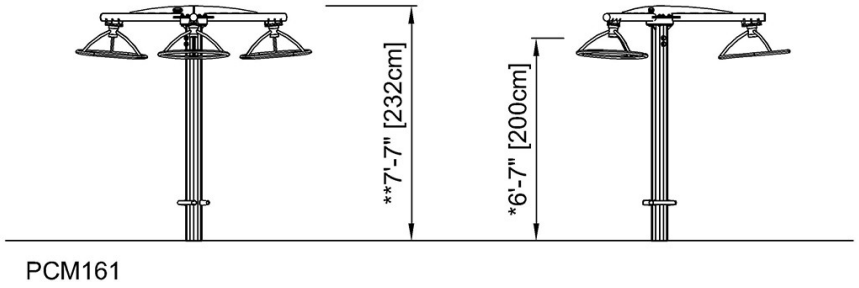
KOMPAN Let's play

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



Click to see TOP VIEW

* Max fall height | ** Total height



Click to see SIDE VIEW