

Universal Carousel




PCM157

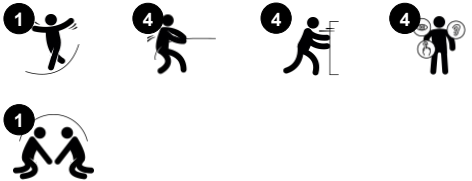


WOW – this is play for everyone, no matter their abilities. The huge truly inclusive, universal design carousel attracts big groups of children and adults in for a spin. Due to its versatility, it appeals to children and adults again and again. The ground-level design makes the carousel accessible to everyone. The bench provides a comfortably seated spin.

The handholds function from both sides. From the inside they offer good support, whilst from the outside they help to get the carousel moving. Spinning on this carousel trains the vestibular system, the sense of balance and the spatial awareness. The benefits trained through play also encompass social skills, such as cooperation and empathy by assisting friends

of all abilities to spin and helping others wanting to join or exit. It is play with a purpose for all.

Item no. PCM157-0205	
General Product Information	
Dimensions LxWxH	208x208x70 cm
Age group	2+
Play capacity (users)	8
Colour options	  



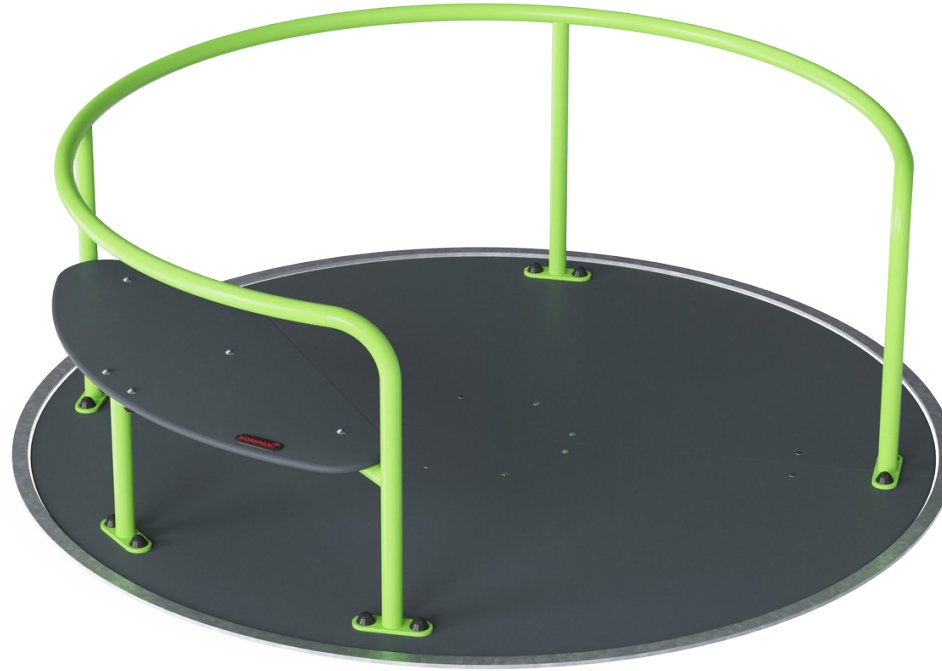
Universal Carousel

PCM157



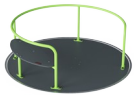
Handrails and side poles

Physical: pushing or pulling the carousel strengthens arm and leg muscles. **Social-Emotional:** pushing and pulling others facilitates cooperation and empathy: when to stop, how to take turns etc.



Wide open entrance

Physical: enough space for securely jumping on and off while spinning, training agility, balance and coordination, as well as building bone density. **Social-Emotional:** allows space for assistive devices and wheelchairs.



0

Physical: the rotation develops the sense of balance and space, children use their muscle strength and strengthen their cardio. **Social-Emotional:** listening and negotiating how slow or fast to go, children develop empathy and cooperation skills.



Bench

Social-Emotional: a secure resting point for less confident or physically agile users. Great point for adult users or assistants. The bench is placed to ease entry/exit.



Carousel floor

Social-Emotional: room for many users, with or without assistive devices, to spin and play together. Training of cooperation and empathy.

Universal Carousel

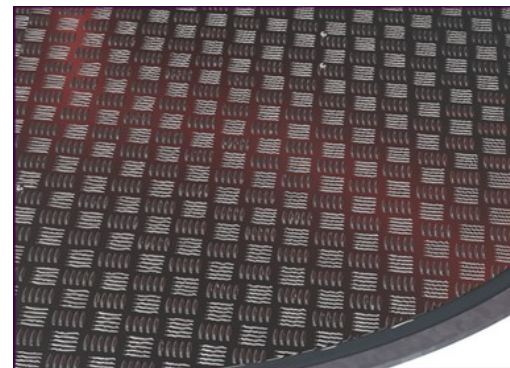
PCM157



Welded from square steel pipes to create heavy-duty carousel chassis. The steel surfaces are hot-dip galvanised inside and outside, which has excellent corrosion resistance and is maintenance free.



All metal parts are made from high-quality steel which is hot-dip galvanised inside and outside with lead-free zinc. On the outside, there is an additional layer of powder coating which ensures both excellent corrosion resistance and colourful design expression.



Deck plate of 3mm thick non-skid aluminium or 178mm thick HPL plate. For hotter climates or exposed open playgrounds, KOMPAN recommends HPL deck plate as the aluminium tends to get hot in sunny conditions. Both deck plate options meet safety standards and are low maintenance.



Seat is made of HPL with a thickness of 17.8mm with a very high wearing strength and a unique KOMPAN nonskid surface texture.



The roller system is designed with a fully closed lifetime lubricated centre bearing and is supported by 10 wheels with a diameter of 125mm. The outer wheels ensure a smooth rotation under heavy loads.



The outside hot-dip galvanised steel ring clearly indicates where the rotation deck begins. To ensure accessibility, rubber surfacing around the carousel is highly recommended.

Item no. PCM157-0205

Installation Information

Max. fall height	100 cm
Safety surfacing area	29.1 m²
Total installation time	6.3 hours
Excavation volume	2.26 m³
Concrete volume	0.56 m³
Footing depth (standard)	32 cm
Shipment weight	405 kg
Anchoring options	In-ground ✓

Warranty Information

Aluminium Deck	15 years
Bearing Construction	5 years
Galvanised Steel	Lifetime
HPL Seat	15 years
Spare Parts Guarantee	10 years



Sustainability Data

PCM157



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
PCM157-0205	669.91	2.93	27.03

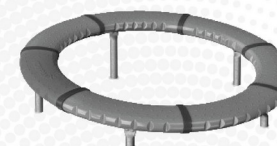
The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

Kompan A/S

C.F. Tietgens Boulevard 32C
DK-5220 Odense SØ
Denmark



Verification of CO₂ calculation of: Freestanding play equipment



Data version no. 2023-10-05

The CO₂ 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 CO₂ 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

By Bureau Veritas HSE
www.bureauveritas.dk
+45 7731 1000

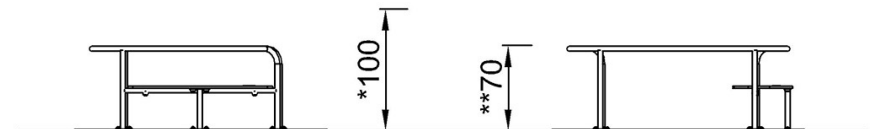
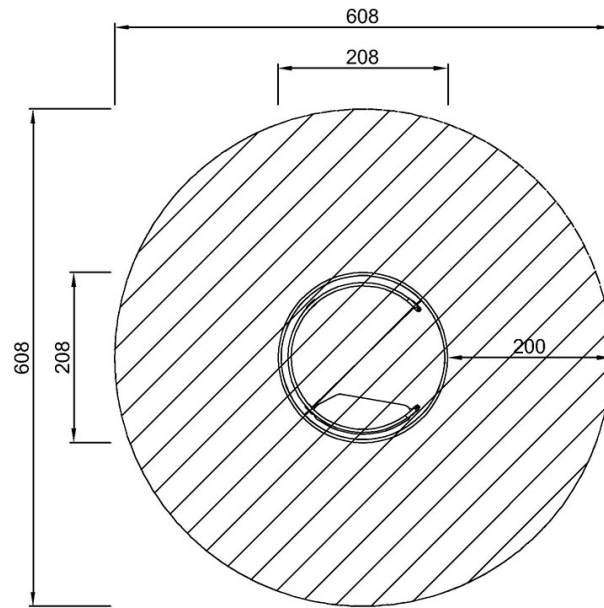


Universal Carousel

PCM157

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

* Max fall height | ** Total height



PCM157

PCM157
*100cm
**70cm
***29.1m²

[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)