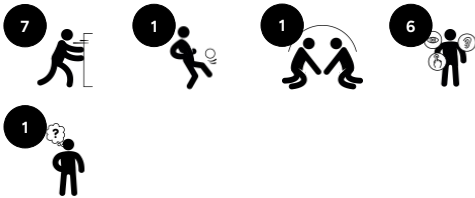




Orbit's multi-coloured, lighting nodes and whimsical screen attract children from afar and invite them into a world of easy entry and multi-layered outdoor games. Thanks to the combination of intriguing games, explanatory screen and light-up nodes, the play attraction is high and lasting. Children come back to the games again and again. The sensor based

nodes light up with response to action and make children move, think and connect in new ways. Across ages, genders, generations and moods, Orbit offers movement and games that train coordination, cooperation and cognition.

Item no. KIP100101-0901	
General Product Information	
Dimensions LxWxH	510x173x182 cm
Age group	6+
Play capacity (users)	6
Colour options	



OrbitPlay

KIP100101

KOMPAN®



Orbit Curve

Physical: the Orbit curve inspires movement from crouching to standing on tip-toe for the youngest and stretching for the older users. This adds movement variation and trains agility and muscles.



Touch Sensor

Physical: the Orbit touch sensor is sensor based and its lights invite action, making users move fast from one to another, inspired by the rules in the game at hand. This trains users' agility, hand-eye coordination and strategic movement skills.



Play Hub

Social-Emotional: the Orbit Play Hub explains games, notes scores and invite cooperation as well as social skills. **Cognitive:** the different game types and levels selected appeal to different moods of play: rules games, strategic thinking games and more, inviting play behaviours that train cognitive skills.



The steel arches 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 PlayHub integrates LED display, touch sensor, sound, and radar technologies. Its LED screen offers high lumen brightness to maintain visibility in direct sunlight. It has been tested to withstand severe outdoor weather conditions and vandalism.



The OrbitPlay comes with 10 years of data connectivity, ensuring seamless and convenient health monitoring, user statistics tracking, remote maintenance, and game rotation.



The OrbitPlay is equipped with six distinct small touch sensors, each integrated with LED lighting and sound capabilities. These compact mini-computers are specifically engineered and manufactured for outdoor applications.



Games will be added or rotated multiple times annually to ensure OrbitPlay remains engaging and dynamic. Four different games will be available on OrbitPlay at all times.



OrbitPlay utilises an external power supply compatible with 100-230V AC. For an average daily usage of six hours, the power consumption is approximately 0.5 kWh.

Item no. KIP100101-0901	
Installation Information	
Max. fall height	0 cm
Safety surfacing area	32.1 m²
Total installation time	4.2 hours
Excavation volume	1.04 m³
Concrete volume	0.00 m³
Footing depth (standard)	90 cm
Shipment weight	242 kg
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
Galvanised Steel	Lifetime
Electronics	2 years
Aluminum	15 years
Spare Parts Guarantee	10 years

Sustainability Data

KIP100101



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled material
	kg CO ₂ e	kg CO ₂ e/kg	%
KIP100101-0901	973.20	7.35	38.25

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))



Independent review certificate

Kompan A/S
C. F. Tietgens Blvd. 32C, 5220 Odense SØ

Bureau Veritas hereby attests that the CO₂e-calculations (covering materials, processing, waste and transport) done by Kompan for "Freestanding Play Equipment", meet the requirements set by the listed standard.

Kompan A/S uses a selection of EPDs and emission factors from the Life Cycle Assessment database Ecoinvent 3.11. These values are reported as kg CO₂e, with all other impact categories excluded in line with the scope of ISO 14067:2018. The emission factors cover, material use, manufacturing processes, transport to Kompan, and electricity used during manufacturing. The presented emissions fall under GHG Protocol scope 3 emissions. Scope 1 and 2 are not presented. Scope 3 emissions include emission sources in the upstream value chain of a company, downstream emissions are excluded in this analysis.

Method: ISO 14067:2018 using GHG protocol guidance documents, reported as kg CO₂e.

Object

The verification has been done on the one pager "GXY902012-3717" version: 27-10-2025. The supporting documentation "KOMPAN data_updated emissions factors_2025_V2" and "Emissions factors, EPD's and ecoinvent 3.11_2025" was also reviewed and approved.

Declaration

The verification has been completed as a critical review with a limited assurance. I hereby confirm that nothing has come to the reviewer's attention which would lead to conclude that the study does not give an accurate depiction or isn't completed following method of the CO₂e calculation, the requirements of ISO 14067:2018, and 14071:2024, in the above referenced documentation.

Note: This verification only covers calculation elements according to method described in ISO 14067:2018 and may not be seen as a Life Cycle Assessment according to ISO 14067:2018.

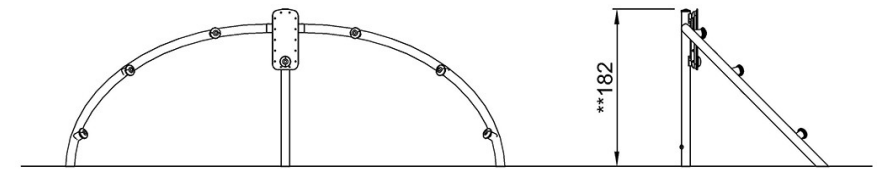
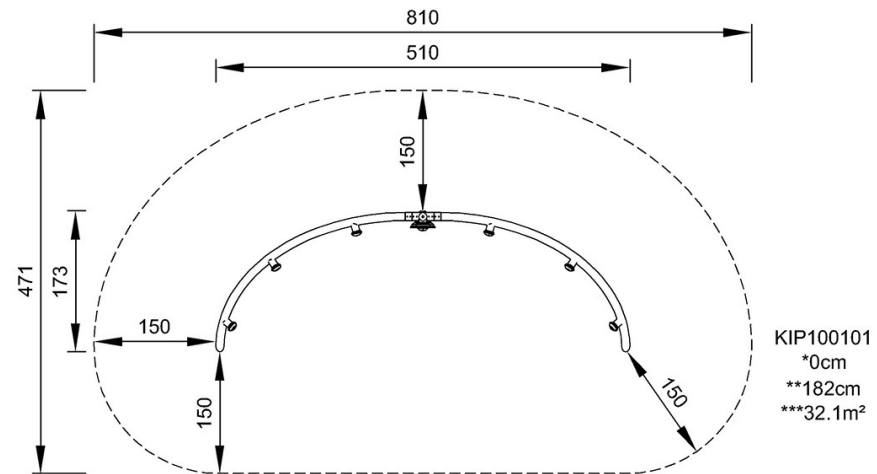
Ref.: Kompan_Verification report 2025, 28-10-2025
Date of certificate: 29-10-2025
Expire date: 29-10-2027

Verified by: Julie Marie Vejsgaard Larsen, Environmental Auditor

Signature: 

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

* Max fall height | ** Total height



KIP100101

[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)