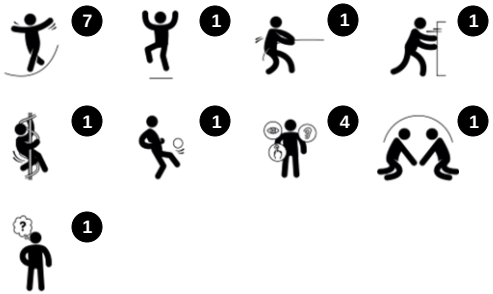
Supernova

GXY916

Item no. GXY916012-3417	
General Product Information	
Dimensions LxWxH	206x206x60 cm
Age group	6+
Play capacity (users)	8
Colour options	



The large, slanting, rotating ring with 7 divided areas invite children to explore the Supernova's countless play options, turning, spinning and balancing either seated, lying, standing, alone or with friends. The many play opportunities and the open ground level design makes it possible for all abilities to be included in play. The 7 areas of the ring inspire a multitude of different games-with-rules, rough-and-tumble play can be explored and the pushing of the ring and running help develop the children's arm and leg muscles and cardio. The jumping on and off the rotating ring builds bone density. The Supernova trains the sense of balance and space, crucial in being able to sit still or navigate traffic safely. Children help one another and invent games these stimulate the child's social-emotional skills and cognition, empathy, cooperation skills and logical thinking.

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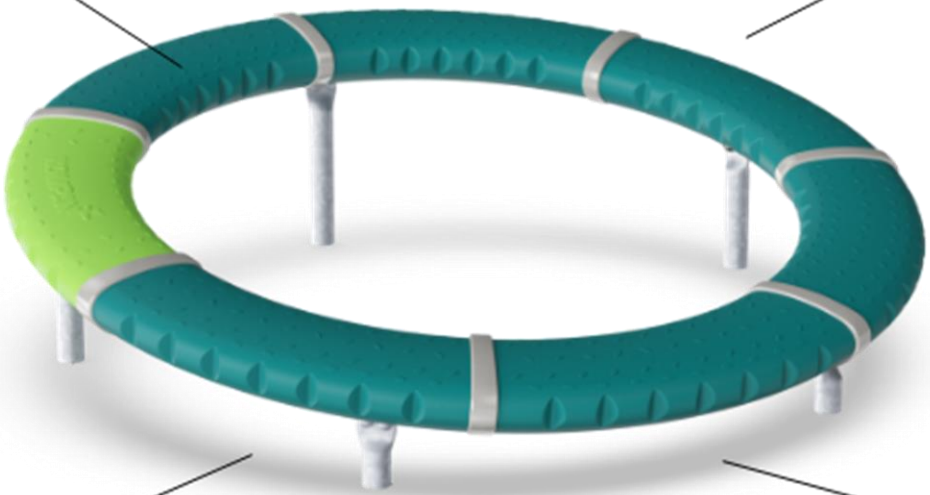
Slanting ring
Physical: the inclination develops the sense of balance and muscle strength when walking upwards or pushing the ring into motion. Bone density is built when jumping on and off. Furthermore the cardio gets used when pushing, running.



7 departments/rings
Social-emotional: turn-taking and cooperation when finding new games. One different colored part makes it possible to count rounds when running, encouraging positive competition.
Cognitive: games-with-rules gets invented, which promotes logical thinking.

Rotation and gravity
Physical: balance and coordination is used to stay on the ring in motion and walking up- or downwards. This also trains leg and core muscles.
Social-emotional: cooperation setting the ring in motion.
Cognitive: logical thinking, working with gravity when figuring out how to stay on the ring or make it move faster.

Low entry
Social-emotional: accessible and usable for all abilities and a wide age span.

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The Supernova is a unique carousel with no centre point placed in an angle of 10° which makes it turn when children walks the ring. The outside ring diameter is 208cm and the upper point is 60cm above ground level.

The 7 ring segments are made of low density PE with excellent impact strength and usable within a large temperature span. Each segment has integrated handholds on both sides and non-skid top surface for safe usage.

The Supernova is designed with a lifetime lubricated maintenance free roller system of vertical and horizontal rollers. The roller system is fully closed and sealed by two rubber lists.

The Supernova is designed with 5 legs with hot dip galvanised surfacing treatment. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.

The sand colored variant is made of rotomolded stone mixed PE material with non skid surface texture. Minor differences in the stone mix visuality of the material are to be expected.

GreenLine versions in dark teal color are designed with molded PP parts which consist of 25% recycled post consumer waste and 75% virgin material. GreenLine ensures the lowest possible CO2e emission factor.

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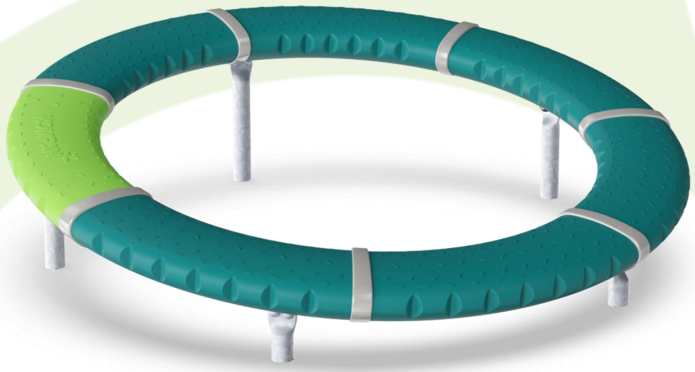
Installation Information	
Max. fall height	100 cm
Safety surfacing area	28,9 m2
Number of installers	2
Total installation time	3,0
Excavation volume	0,21 m3
Concrete volume	0,05 m3
Footing depth (standard)	60 cm
Shipment weight	277 kg
Anchoring options	In-ground ✔
	Surface ✔

Warranty Information	
Hollow PE parts	10 years
Connector brackets	10 years
Hot dip galvanised steel	Lifetime
Roller system	5 years
Spare parts guaranteed	10 years

Sustainability



Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
GXY916012-3417	421,61	2,81	38,38
GXY916021-3417	412,70	2,76	42,53

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

Validation of CO_2 calculation of: Challengers & Climbers

Data version no. 2021-09-27

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: "Challengers & Climbers" represented by item no.: GXY941032-3717.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

Date: 15. October 2021 | Valid until: 15. October 2023
Validated by:

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

Validation based on report: Validation of CO_2 calculation of 8 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Bente Hviid and Peter Bendtsen.

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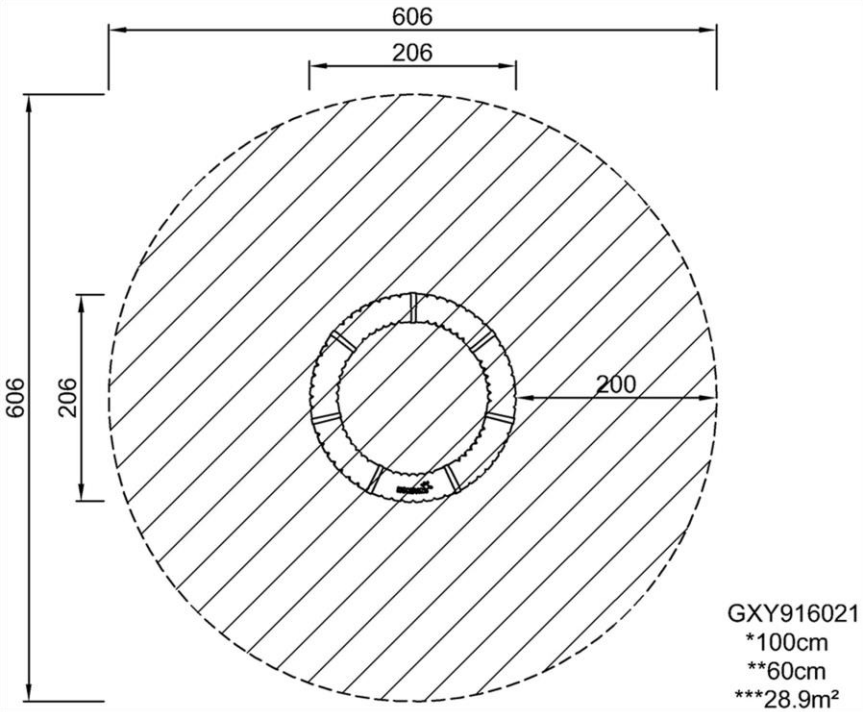
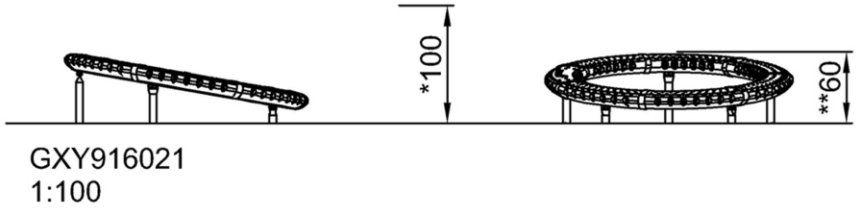
* Max fall height | ** Total height | *** Safety surfacing area



Click to see 1:100 ratio TOP VIEW

* Max fall height | ** Total height



Click to see 1:100 ratio SIDE VIEW