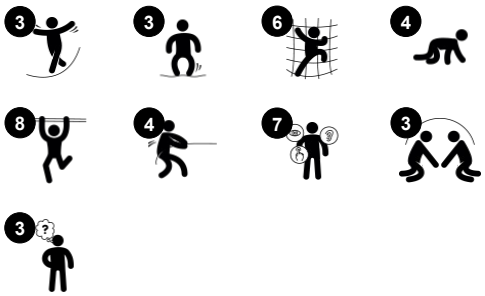
Olympus

PCE210121

Item no. PCE210121-0901	
General Product Information	
Dimensions LxWxH	801x562x410 cm
Age group	4+
Play capacity (users)	22
Color options	



The Olympus attracts toddlers again and again with its spacious, truly varied play events. There is a choice of physical activity, social-emotional activity and cognitive stimulation, for a range of users. The varied climbing possibilities - a membrane climber, horizontal net, play panel climbing wall and stairway - offer play challenges on different levels and train cross-coordination and muscles. The bouncy membrane climber is a feature that responds to movement, adding challenges and fun. The double slide is a social and thrilling play item that also trains the sense of balance and the core muscles. The vast amount of play panels and the talking tubes are attractive play exploration offerings that train agilty as well as logical thinking with their many moveable and sound elements. There is varied play for all.

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Supportive handholds
Physical: handhold provides good grip for less confident climbers. Pulling yourself up and in trains upper body muscles. **Social-Emotional:** allows for a range of physical abilities to enter independently and securely, supporting play for all.

Overhead ladder
Physical: develops children's upper body muscles and arm strength, cross coordination and spatial awareness. This is especially important due to sedentary lifestyles and back-pain in children. **Social-Emotional:** chill and socialize on top of the overhead ladder, training cooperation.

Twisted net
Physical: the big, twisted meshes allow for varied climbing and crawling through, supporting the development of proprioception, spatial awareness, cross coordination, and muscle strength. **Social-Emotional:** the partly horizontal meshes allow more children to sit together and talk.

Wall climber
Physical: crawling up supports cross coordination and trains major muscle groups.

Membrane bridge
Physical: agility, balance and coordination, force of movement and sense of effort. Development of bone density when jumping. **Social-Emotional:** turn-taking, problem solving and cooperation when bouncing others. Relaxation when lying or sitting, being bounced by others. **Cognitive:** understanding of cause and effect, logical thinking.

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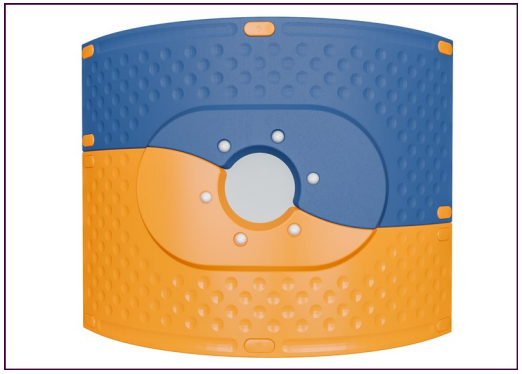
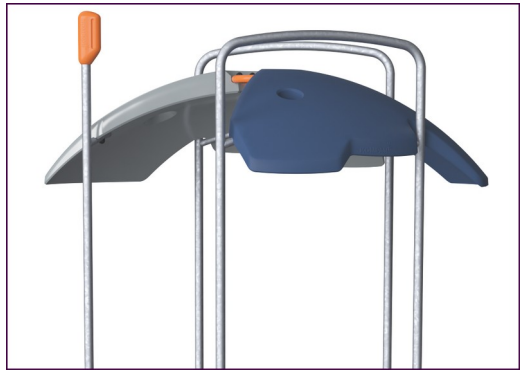


The Curved ELEMENTS panels are moulded of UV stabilised recyclable PE using 33% post-consumer recycled material. With multiple options for in-build play features that also ensures a strong panel solution. Straight panels are made of KOMPAN 19mm HDPE EcoCore™ which is a highly durable, ecofriendly and recyclable material made from +95% PCM.

The climbing elements displayed are moulded from 33% post-consumer recycled materials in one piece, with a minimum 5mm wall thickness. The climbing elements are made of recyclable PE which has a high impact resistance across a wide temperature span which ensures vandal resistance in all locations.



The ELEMENTS roofs are made of recyclable PE made from 33% post consumer recycled materials with a minimum wall thickness of 5 mm to ensure high durability in all climates around the world. The steel pipes are hot dip galvanised inside and outside for maximum durability.

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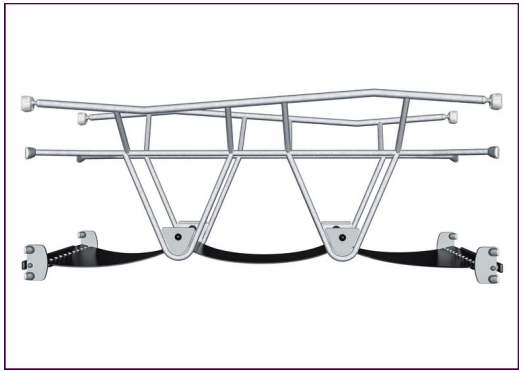
Installation Information		
Max. fall height		243 cm
Safety surfacing area		66.8 m²
Total installation time		21.8
Excavation volume		0.44 m³
Concrete volume		0.18 m³
Footing depth (standard)		85 cm
Shipment weight		878 kg
Anchoring options	Surface	✔
	In-ground	✔

The main posts are made of high quality pregalvanized steel with powder coated top finish. Post tops are closed with caps of UV stabilized nylon (PA6). The grey colored molded decks are made of 75% post-consumer waste PP material with a non-skid pattern and texture surface. All decks are supported by unique designed low-carbon aluminum profiles with multiple attachment options.



ELEMENTS rubber membranes are conveyer belt made of layers of rubber mixed of natural rubber and SBR rubber, and embedded with layers of armouring made of woven PE and PA. The thickness 8mm ensures high durability in any environment.

ELEMENTS ropes has six-stranded steel wires and a steel wire core. Each strand is tightly wrapped with PES yarn, which is made from +95% post consumer materials. The yarn is then melted onto each individual strand making the ropes highly wear- and vandalism-resistant.

Sustainability Data

PCE210121

Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
PCE210121-0901	2,096.80	3.09	42.07

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: Play systems

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: "Play systems" represented by item no.: PCM200321-0950.

(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.

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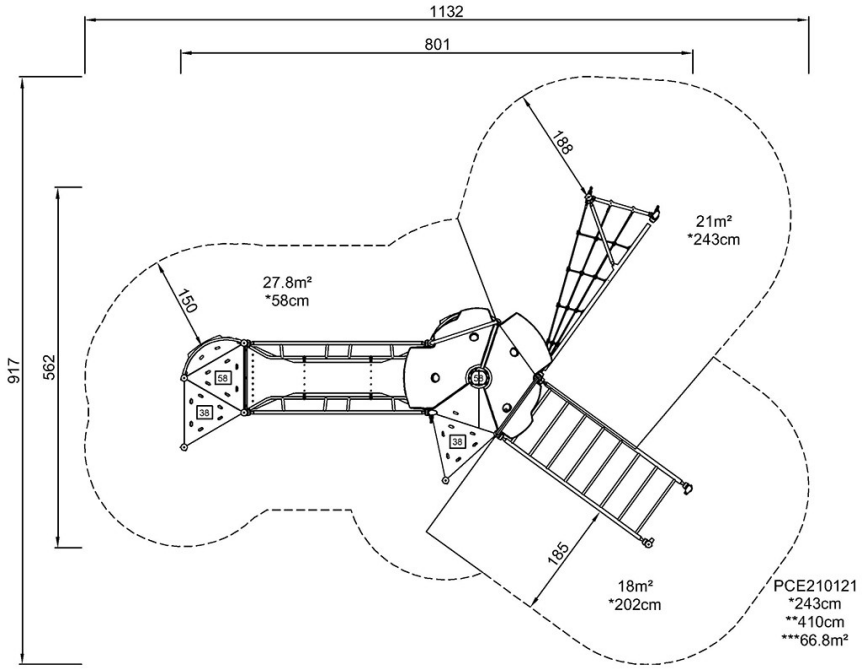
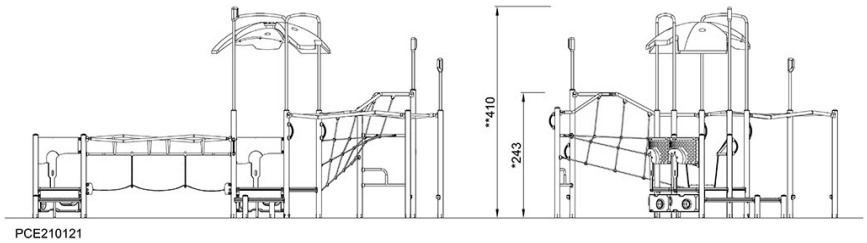
KOMPAN Let's play

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



Click to see TOP VIEW

* Max fall height | ** Total height



Click to see SIDE VIEW