
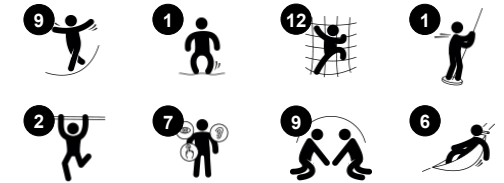
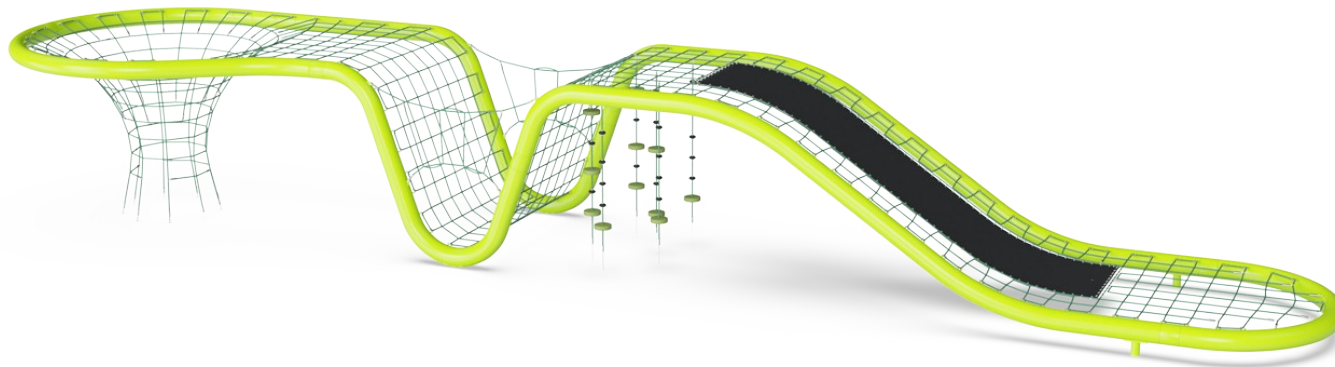


# Wave

COR16500

Item no. COR165001-0803	
<b>General Product Information</b>	
Dimensions LxWxH	1967x455x280 cm
Age group	5+
Play capacity (users)	55
Colour options	



The Wave puts thrill in motion for older children and their adult companions alike. Families and neighbours will come together to ride the waves, challenging their bodies and exciting their minds. The structure is carefully designed to inspire a range of movements and to encourage people to play in a variety of ways each time they come to the playground. This

helps to sustain play and add incredible value to the playground experience. When children climb the structure, they are strengthening their physical skills, especially their agility, balance, and Coordination, the ABC's of fitness. At the same time, this structure provides for the perfect social space that will encourage children to meet friends, strengthening social

bonds. This wave structure also supports imagination and fantasy play that nourishes children's well-being. (Design: Annabau)



Data is subject to change without prior notice.

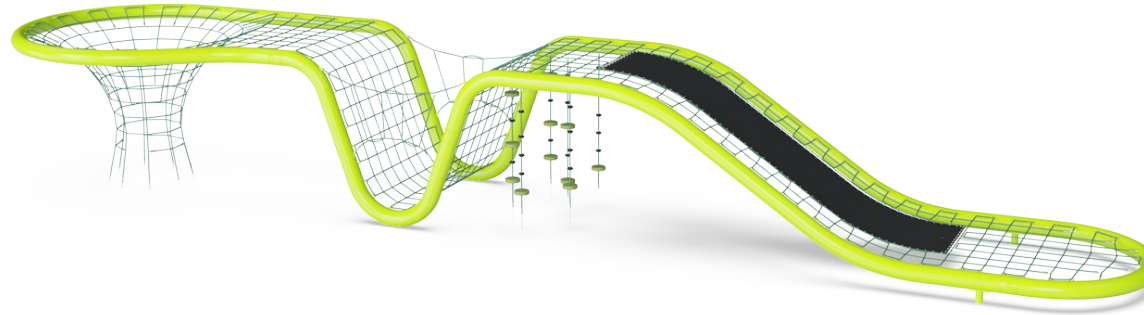
# Wave

COR16500



## Vertical climbing funnel

**Physical:** develops cross coordination and trains major muscles when climbing up or down. **Social-Emotional:** socialising and friendly competition when climbing up and down with friends.



## Membrane glide

**Physical:** sense of balance and space when gliding down, cross coordination and major muscle groups when climbing up the membrane. **Social-Emotional:** cooperation and consideration of others, turn-taking.



## Horizontal net area

**Physical:** cross coordination when crawling across. **Social-Emotional:** thrill when looking down from up high. Socialising with friends seated on the net.



## Climbing valley w. tight rope sides

**Physical:** climbing up, down and balancing across tight ropes train balance, coordination and muscles. **Social-Emotional:** cooperation and consideration when balancing and climbing with others. Inspires positive competition.



## Swaying rope area

**Physical:** agility, balance, cross coordination, proprioception and muscles are trained when climbing on swaying ropes. **Social-Emotional:** cooperation with friends, take breaks with friends. **Cognitive:** spurs rules games such as the-ground-is-lava.

# Wave

COR16500



Corocord ropes with 19mm+ diameter are known as a 'Hercules' rope type which is formed from galvanised six-stranded steel wires. Each strand is tightly wrapped with PES yarn, which is melted onto each individual strand. Ropes are highly wear-and vandalism-resistant and can be easily replaced on-site if needed.



Designed to allow the typical function of rope play structures to move Corocord 'S' clamps are used as universal connections in Corocord products. 8mm stainless steel rods with rounded edges are pressed around the ropes with a special hydraulic press, making them the ideal connector. Our clamps are safe, durable and vandalism-proof.



The steel surface of these bent steel pipes are painted with one basic layer and one top layer of lead-free colour material. The paint has excellent corrosion resistance and can be easily maintained.



Corocord membranes consist of friction-proof rubberised material of conveyor belt quality with excellent UV resistance. Tested and compliant with REACH requirements for PAH. Embedded is a four-layered armouring made of woven polyester. The armouring and the two surface layers result in a total thickness of 7.5 mm.



Fully coloured EPDM rubber discs with smooth surface. The moulded EPDM surrounds a hot-dip galvanised steel core that ensures both the stability of the discs and durable fixtures to the rope.



The aluminium swages of the net are double conical with rounded ends and are as small as safety allows. The overall net design aims at keeping metal parts within the net to an absolute minimum, both in size and number, to provide the best possible rope climbing experience.

Item no. COR165001-0803

### Installation Information

Max. fall height	280 cm
Safety surfacing area	181.4 m <sup>2</sup>
Total installation time	103.0
Excavation volume	10.41 m <sup>3</sup>
Concrete volume	6.00 m <sup>3</sup>
Footing depth (standard)	80 cm
Shipment weight	3,722 kg
Anchoring options	In-ground ✓

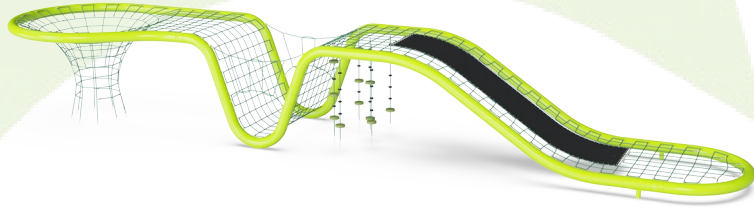
### Warranty Information

Aluminium Clamps	10 years
Corocord (Hercules) Rope	10 years
Membrane	2 years
S-Clamps	10 years
Spare Parts Guarantee	10 years



# Sustainability Data

COR16500



Cradle to Gate A1-A3	Total CO <sub>2</sub> emission	CO <sub>2</sub> e/kg	Recycled materials
	kg CO <sub>2</sub> e	kg CO <sub>2</sub> e/kg	%
<b>COR165001-0803</b>	9,827.21	2.69	48.94

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 CO<sub>2</sub> calculation of: Corocord



Data version no. 2023-10-05

The CO<sub>2</sub> 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: "Corocord" represented by item no.: COR314011-1101.

(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<sub>2</sub> 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**

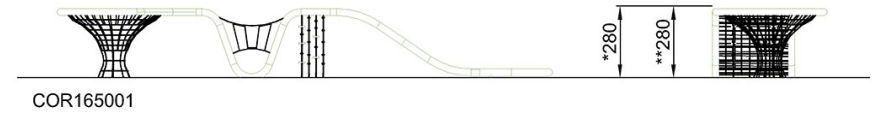
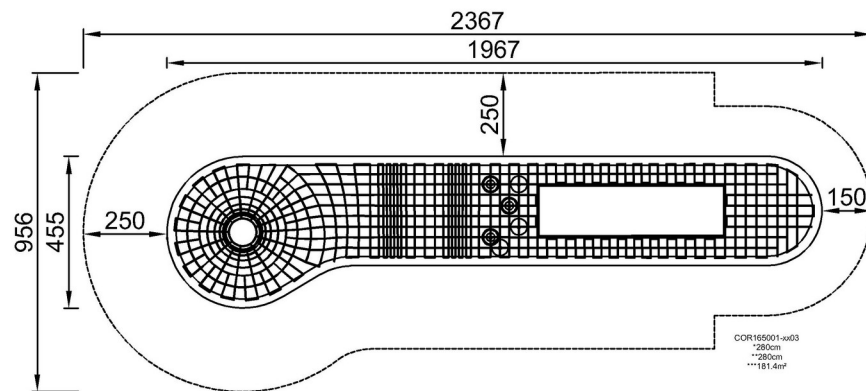
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

\* Max fall height | \*\* Total height



[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)