

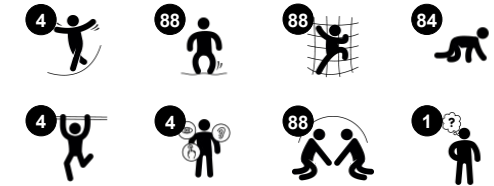
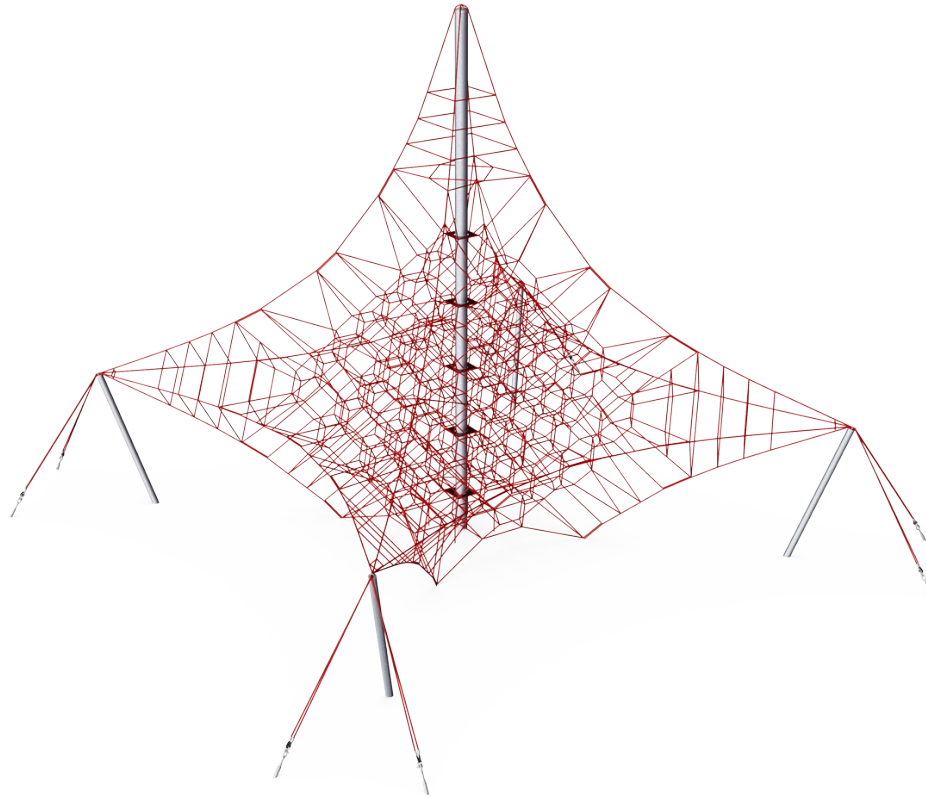
# Octa Net XL

COR43481

Item no. COR434811-1201

## General Product Information

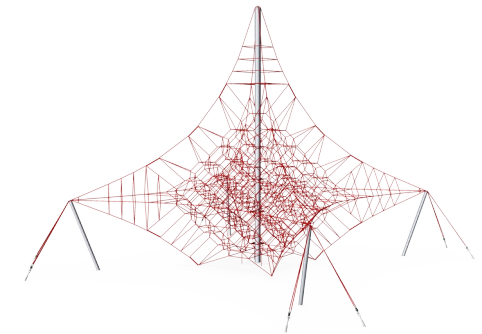
Dimensions LxWxH	50'4"x50'4"x34'3"
Age group	5 - 12
Play capacity (users)	129
Color options	



With its impressive height and transparency, the Giant Octa Net inspires children to climb up high. The feeling of achievement when having climbed to the top is phenomenal. Due to the constant movement of the net the children's climbing movements sway the net, creating thrill. This draws children back again and again to have more of the climbing fun. Climbing the

bouncy, interdependent meshes of the transparent net is challenging and trains important motor skills e.g. balance and coordination. These motor skills are fundamental to sitting still or navigating obstacles safely. Each child uses major muscle groups when they climb the Giant Octa Net : arms push and pull, legs push and the core

provides stability as the children cling onto the ropes. The Giant Octa Net strengthens courage and self regulation, skills necessary for children's social-emotional development.



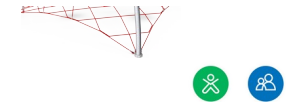
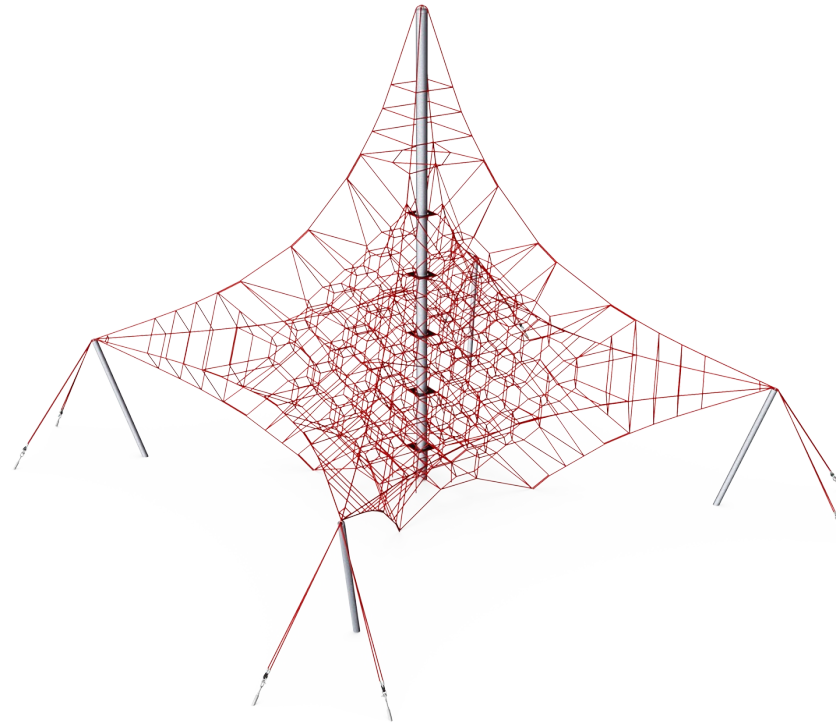
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## Highest rungs

**Physical:** spatial awareness is supported, arm muscles when holding tight. **Social-Emotional:** children develop courage, self-confidence, consideration and turn-taking, all important life skills.



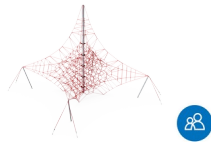
## Sturdy, lower rungs

**Physical:** the stiff bounce of the lower rung supports balance and coordination as well as strengthens bone density when jumping down. Hanging from the arms trains back and upper body muscles, supporting good posture. These are a growing concern for children due to sedentary lifestyles. **Social-Emotional:** great meeting point allowing socializing.



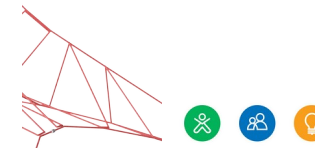
## Mast

**Physical:** the slightly swaying mast stimulates children's muscles and motor skills when they hold tight climbing the net. **Social-Emotional:** children develop courage and self-regulation when climbing up high. This positively affects self-confidence.



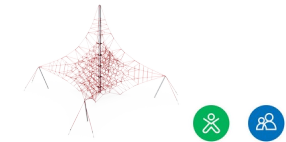
## Transparency

**Social-Emotional:** the transparency makes cooperation and communication possible throughout, important life-skills for children to practice.



## Bouncy net meshes

**Physical:** agility, balance and coordination as well as spatial awareness are supported when bouncing, climbing and sitting in the net. Children use muscle strength of arms, legs and core, and build bone density when jumping down. **Social-Emotional:** the bouncing, swaying net appeals to empathy and cooperation. **Cognitive:** physical memory, logical thinking, concentration.



## Big meshes

**Physical:** the big meshes allow for climbing and crawling, supporting proprioception, cross coordination and spatial awareness. Climbing here takes muscle strength, pushing and pulling arms to get upwards. **Social-Emotional:** allow more children being seated together, sharing.

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Corocord ropes with 19mm diameter or more are special 'Hercules' - type with galvanized six-stranded steel wires. Each strand is tightly wrapped with PES yarn, which is melted onto each individual strand. The ropes are highly wear-and vandalism-resistant and can be replaced at site if needed.



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: safe, durable and vandalism-proof, all while allowing the typical movement of rope climbing structures.



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, in order to provide the best possible rope climbing experience.



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



In the center of the net is the mast, made of high quality seamless steel. The structure of the mast as an oscillating support is statically favorable and equalizes the oscillations in the net. The masts are hot dip galvanized as standard, with the design option of additional powder coating.



For installations using rubber surfacing the turnbuckle protectors are to be ordered separately.

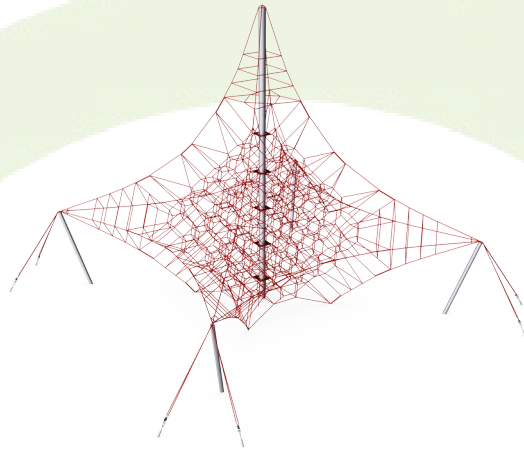
Item no. COR434811-1201	
Installation Information	
Max. fall height	9'10"
Safety surfacing area	2607ft <sup>2</sup>
Total installation time	50.0
Excavation volume	55.64yd <sup>3</sup>
Concrete volume	37.09yd <sup>3</sup>
Footing depth (standard)	3'11"
Shipment weight	4792lbs
Anchoring options	In-ground ✓
Warranty Information	
Corocord Rope	10 Years
Membrane	2 Years
S-Clamps	10 Years
Spare Parts Availability	10 Years
Steel post HDG	Lifetime

Elevated activities 0	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	0	1	1
Required	0	1	1

**ASTM F1487**  
compliant

# Sustainability Data

COR43481



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>COR434811-1201</b>	6,134.86	3.03	54.16

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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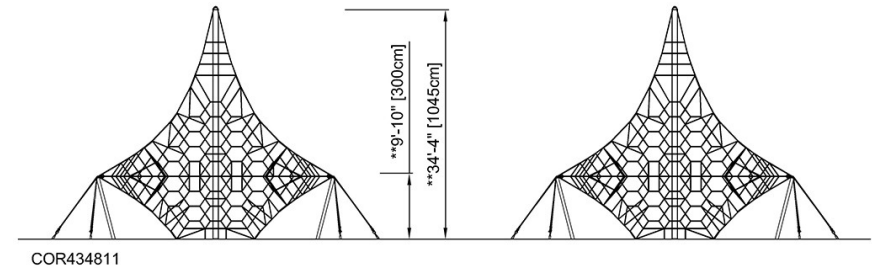
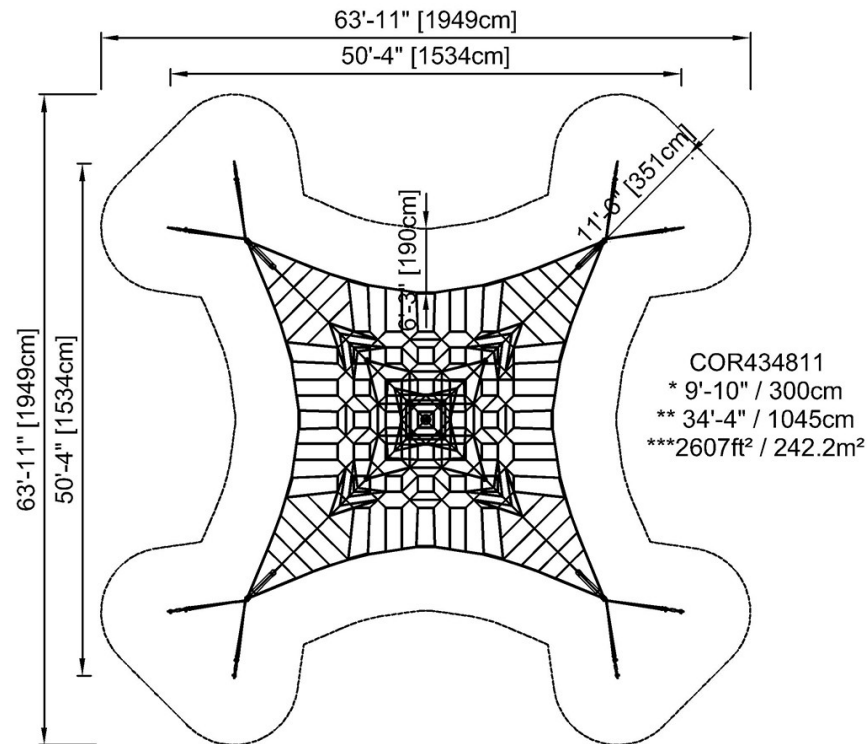


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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