

# GREENBELT Play & Agility Tower




PCX4101

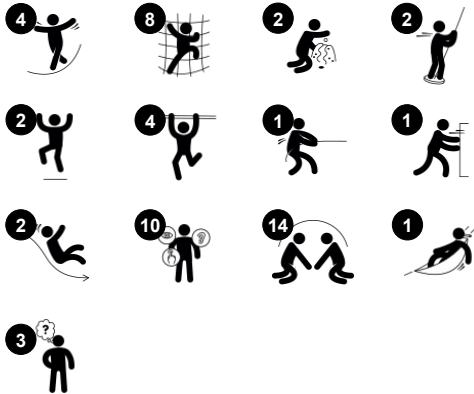


The Greenbelt is a play and agility tower that offers hours of play. The agility area with the balance beam, net and bars to climb under, over and through stimulates creative thinking. It encourages children to be open to new ideas and alternative ways of moving, making them play for longer. Transparent and challenging activities like the fireman's pole, Jacob's

Ladder and the banister bars encourage children to develop their self-esteem while being physically active. On the ground level they can hang out together in the meeting point or play the game "Shape Finder," supporting social interaction. Playing in the Greenbelt structure stimulates physical, social-emotional, cognitive and creative skills, important in

promoting healthy child development.

Item no. PCX410100-0901	
General Product Information	
Dimensions LxWxH	1065x1014x501 cm
Age group	5 - 12
Play capacity (users)	58
Colour options	  



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## Somersault bar

**Physical:** develop balance and core when hanging from knees. Arm, leg and core muscles are developed when climbing up, somersaulting around. Balance and spatial awareness are strengthened. **Social-Emotional:** meeting, socializing and turn-taking when climbing up and down via bar.



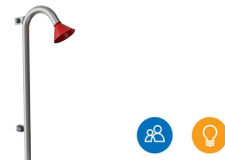
## Slide

**Physical:** sliding develops spatial awareness and a sense of balance. Furthermore, the core muscles are trained when sitting upright going down. **Social-Emotional:** empathy stimulated by turn-taking.



## 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.



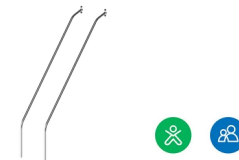
## Talk tube

**Social-Emotional:** encourages communication and social interaction. **Cognitive:** evokes curiosity and stimulates an understanding of cause and effect and object permanence: objects and persons exist also when out of sight.



## Jacob's ladder

**Physical:** cross coordination and spatial awareness as well as upper body muscles when hanging with arms. This is especially important due to sedentary lifestyles of today's children. **Social-Emotional:** turn-taking and cooperation. **Cognitive:** logical thinking when going from 2nd to 3rd step, changing feet.



## Banister bars

**Physical:** coordination is supported when going down, as well as arm and core muscles. Landing strengthens bone density, which is built for life in childhood. **Social-Emotional:** turn-taking and risk-taking.

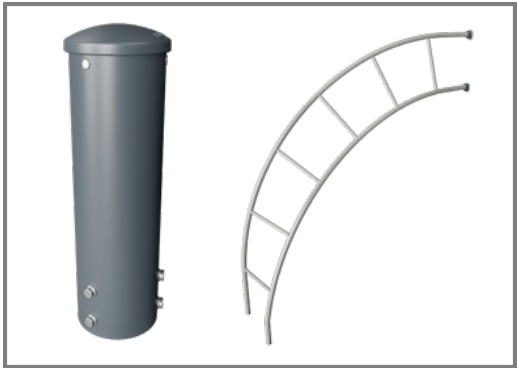


## Fireman's pole

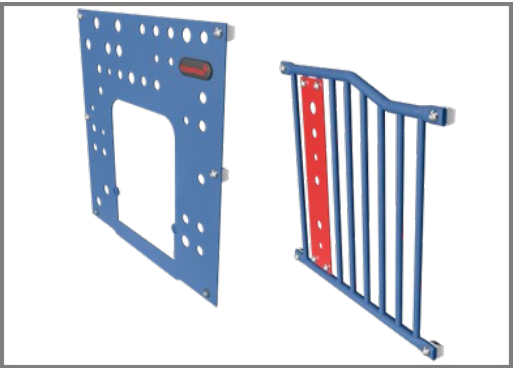
**Physical:** coordination is supported when going down, as well as arm and core muscles. Landing strengthens bone density, which is built for life in early childhood. **Social-Emotional:** turn-taking and risk-taking.

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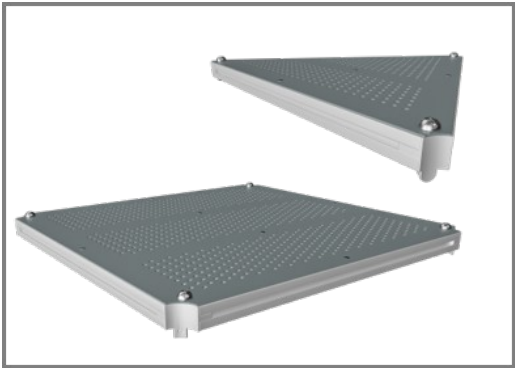
PCX4101



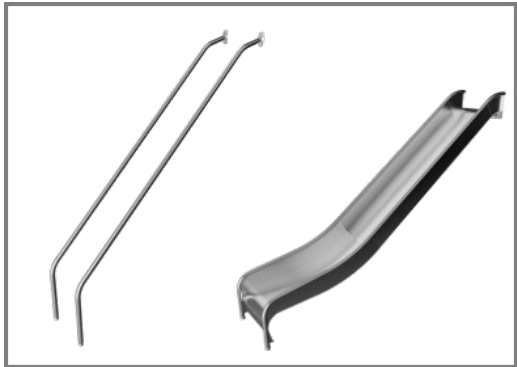
All steel components are made of high quality materials. The posts have an alloy with improved tensile and yield strength according to the NYCP material specification. The painted aluminum post caps are riveted to the top of the post.



All panels and one-piece welded steel grids are made of low carbon steel and corrosion treated by hot dip galvanization or metallization with a minimum thickness according to NYCP material specification.



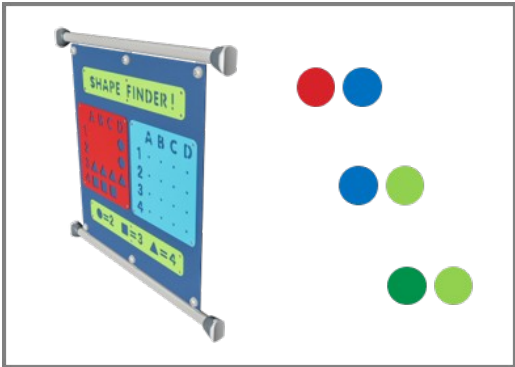
All decks are made of perforated low carbon steel plates supported by aluminum profiles with no unsupported area larger than four square feet. After metallization the decks are coated with a polyurea non-slip surface which provides extremely good wear and tear resistance.



The stainless steel activities are made of high quality stainless steel. The steel is glass blasted after manufacturing to ensure a smooth gliding surface.



The ropes have six-stranded steel wires and a steel wire core. Each strand is tightly wrapped with PES yarn, which is melted onto each individual strand and made from +95% post-consumer materials. Climbing cable nets are completely factory assembled in a configuration that is ready for attachment to the frame on site.



The products are designed in three different standard color combinations: Red and light blue, Light blue and lime green, Green and lime green. The layouts of the play structures can be customized through the KOMPAN Variant Team.

Item no. PCX410100-0901	
Installation Information	
Max. fall height	336 cm
Safety surfacing area	130.0 m²
Total installation time	56.0
Excavation volume	1.00 m³
Concrete volume	0.20 m³
Footing depth (standard)	85 cm
Shipment weight	3,116 kg
Anchoring options	In-ground ✓
Warranty Information	
EcoCore HDPE	Lifetime
HDG post	Lifetime
HPL decks	15 years
Ropes & nets	10 years
Spare parts guaranteed	10 years

Elevated activities 11	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	11	6	5
Required	6	4	3

CSA  
Z614  
compliant

# Sustainability Data

PCX4101



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	%
PCX410100-0901	7,073.13	3.02	48.95

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))

## Verification of CO<sub>2</sub> calculation of: Play systems



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: "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<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



By Bureau Veritas HSE  
www.bureauveritas.dk  
+45 7731 1000



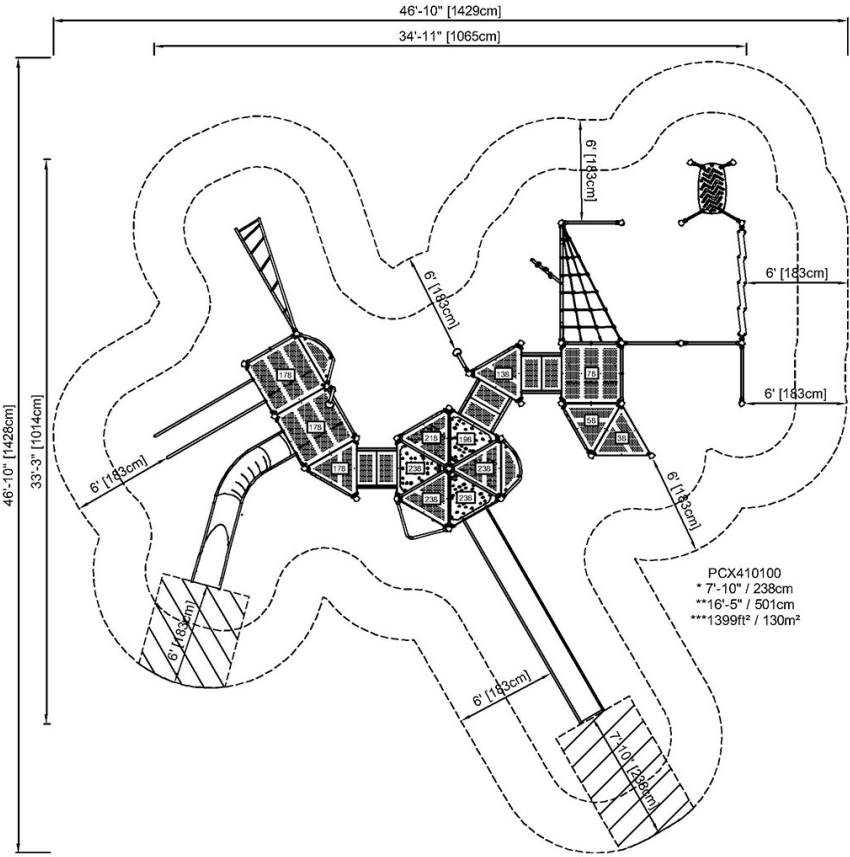
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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[Click to see SIDE VIEW](#)