


VAN CORTLANDT Play & Agility Tower

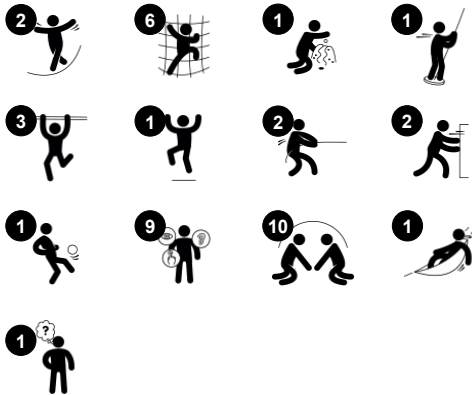
PCX2101



Item no. PCX210100-0901

General Product Information

Dimensions LxWxH	547x663x385 cm
Age group	5 - 12
Play capacity (users)	34
Colour options	  



The VAN CORTLANDT Play and Agility Tower I offers a climbing journey through freedom of movement, as it is not given how to move around. This ensures holding power as children can create new climbing routes again and again. Climbing stimulates children's cross coordination and muscle strength, while the slide, the balance beam, the fireman's pole and

the summersault bar are great activities to stimulate balance, a skill necessary for their ability to sit still and concentrate e.g. in school. Children's fine motor skills can be trained as they play on the play panel following the route with their fingers. Start the obstacle race by giving a signal in the talk tube and measure your peers' time while hanging out in the

hammock.

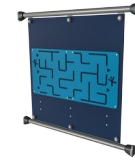
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Slide

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.



Pattern panel

Social-Emotional: communication and cooperation exploring the maze with friends. **Cognitive:** stimulates memory when memorizing maze routes. Learning about perspective when looking at things at a certain distance.



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.



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.



Pipe climber

Physical: muscle strength, cross coordination, and spatial awareness when climbing. **Social-Emotional:** encourage socializing when seated on the bars.



Hammock

Physical: coordination and sense of balance when swaying. **Social-Emotional:** meeting, pushing friends gently back and forth, turn-taking. **Cognitive:** for toddlers cause and effect understanding.



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.

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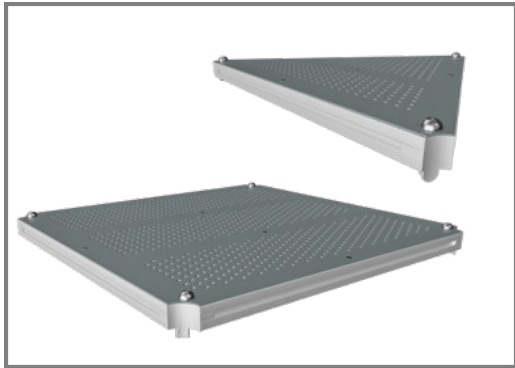
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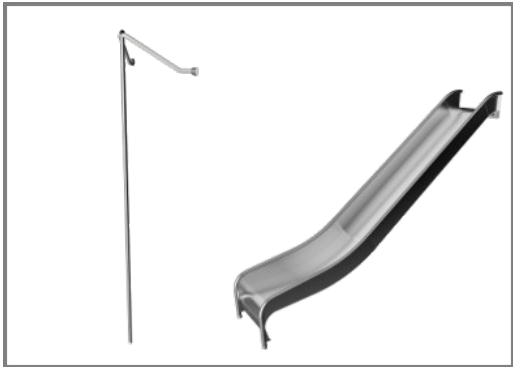
All steel components are made of high quality materials. The posts have an alloy with improved tensile and yield strength according to the NYCP material specification. The painted aluminum post caps are riveted to the top of the post.



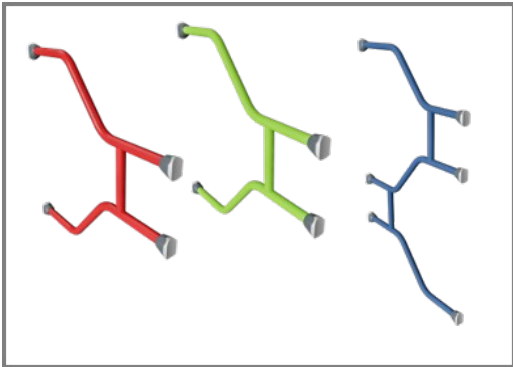
All panels and one-piece welded steel grids are made of low carbon steel and corrosion treated by hot dip galvanization or metallization with a minimum thickness according to NYCP material specification.



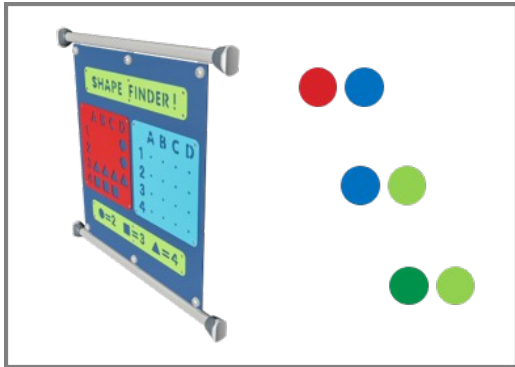
All decks are made of perforated low carbon steel plates supported by aluminum profiles with no unsupported area larger than four square feet. After metallization the decks are coated with a polyurea non-slip surface which provides extremely good wear and tear resistance.



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 steel surfaces are hot dip galvanized inside and outside with lead free zinc. The galvanization has excellent corrosion resistance in outside environments and requires low maintenance.



The product 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.

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Installation Information

Max. fall height	246 cm
Safety surfacing area	67.3 m ²
Total installation time	26.5
Excavation volume	0.56 m ³
Concrete volume	0.13 m ³
Footing depth (standard)	85 cm
Shipment weight	1,391 kg
Anchoring options	In-ground ✓

Warranty Information

HPL decks	15 years
Painted steel panels	10 years
Post	10 years
Ropes & nets	10 years
Spare parts guaranteed	10 years

Elevated activities 8	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	8	6	5
Required	4	3	3

**CSA
Z614**
compliant

Sustainability Data

PCX2101



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
PCX210100-0901	2,946.13	2.97	48.29

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

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Verification of CO₂ calculation of: Play systems



Data version no. 2023-10-05

The CO₂ 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 CO₂ 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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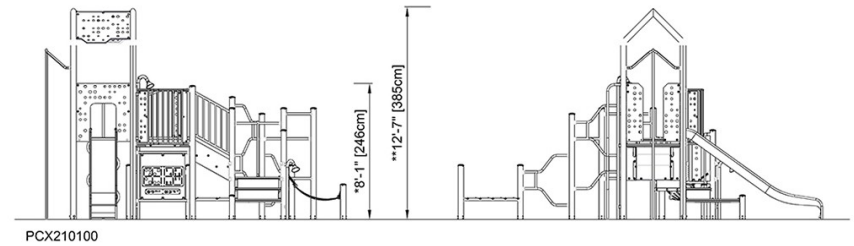
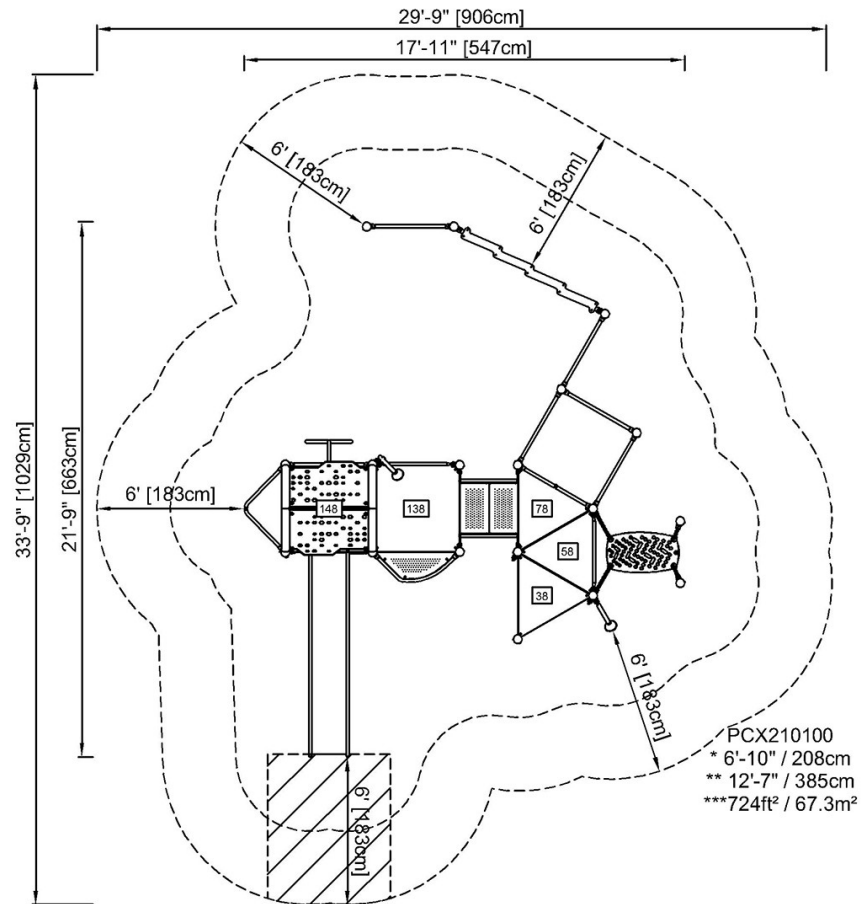


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* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



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