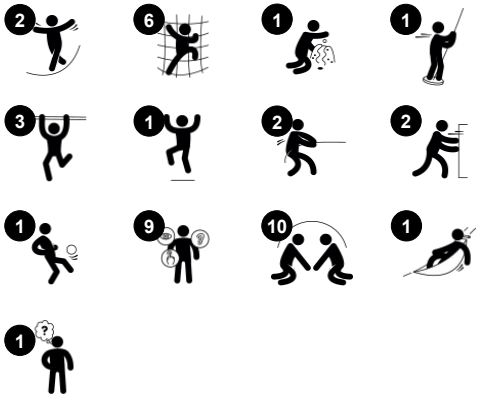
Van Cortlandt Play & Agility Tower

PCX2101

Item no. PCX210100-0901	
General Product Information	
Dimensions LxWxH	17'11"x21'9"x12'8"
Age group	5 - 12
Play capacity (users)	34
Color options	



The VAN CORTLANDT Play and Agility Tower offers a climbing journey through freedom of movement. 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 somersault bar are great activities to stimulate balance Balance is a skill necessary for their ability to sit still and concentrate 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. Learn 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 people still exist 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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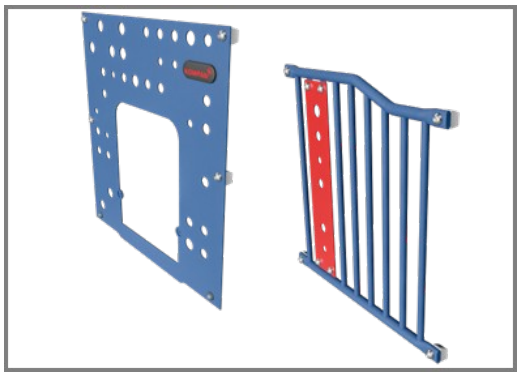
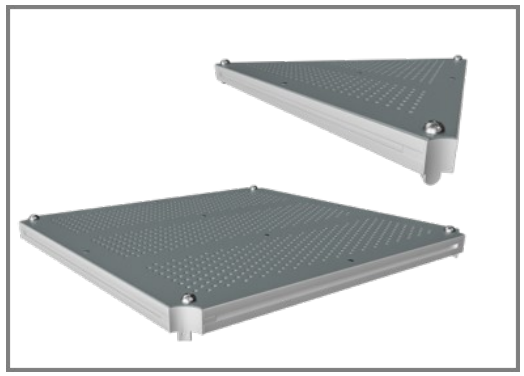
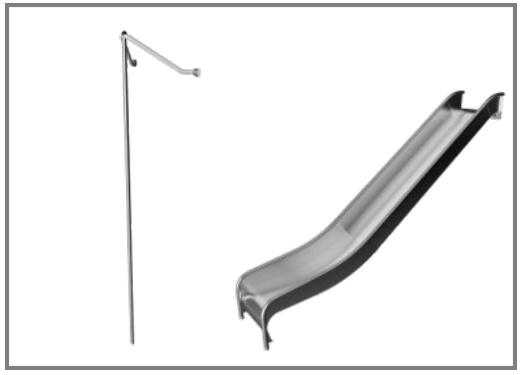
All steel components are made of high quality materials. The posts have an alloy with improved tensile and yield strength according to the NYCP material specification. The painted aluminum post caps are riveted to the top of the post.



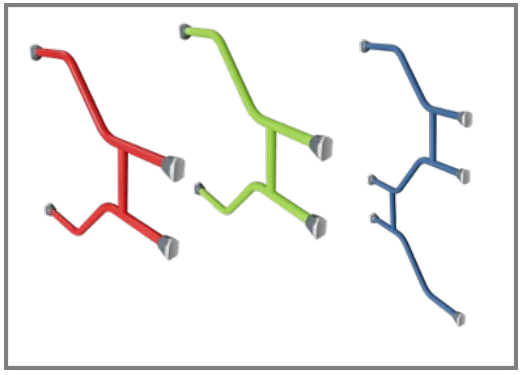
All panels and one-piece welded steel grids are made of low carbon steel and corrosion treated by hot dip galvanization or metallization with a minimum thickness according to NYCP material specification.



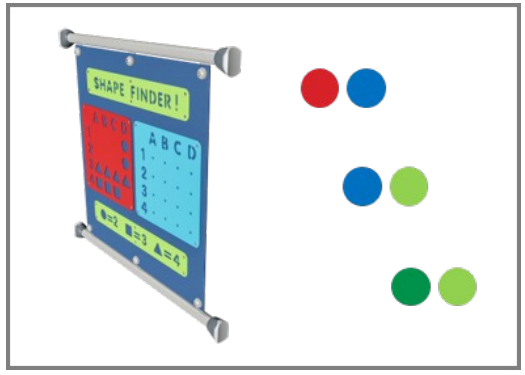
All decks are made of perforated low carbon steel plates supported by aluminum profiles with no unsupported area larger than four square feet. After metallization the decks are coated with a polyurea non-slip surface which provides extremely good wear and tear resistance.



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	6'10"
Safety surfacing area	724ft²
Total installation time	26.5 hours
Excavation volume	0.73yd³
Concrete volume	0.17yd³
Footing depth (standard)	2'9"
Shipment weight	2846lbs
Anchoring options	In-ground ✔

Warranty Information	
HPL decks	15 Years
Painted steel panels	10 Years
Post	10 Years
Ropes & nets	10 Years
Spare Parts Availability	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**

ASTM F1487 compliant

Sustainability Data

PCX2101

Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
PCX210100-0901	2,894.54	2.92	48.28

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.

Publication date: 30. October 2023

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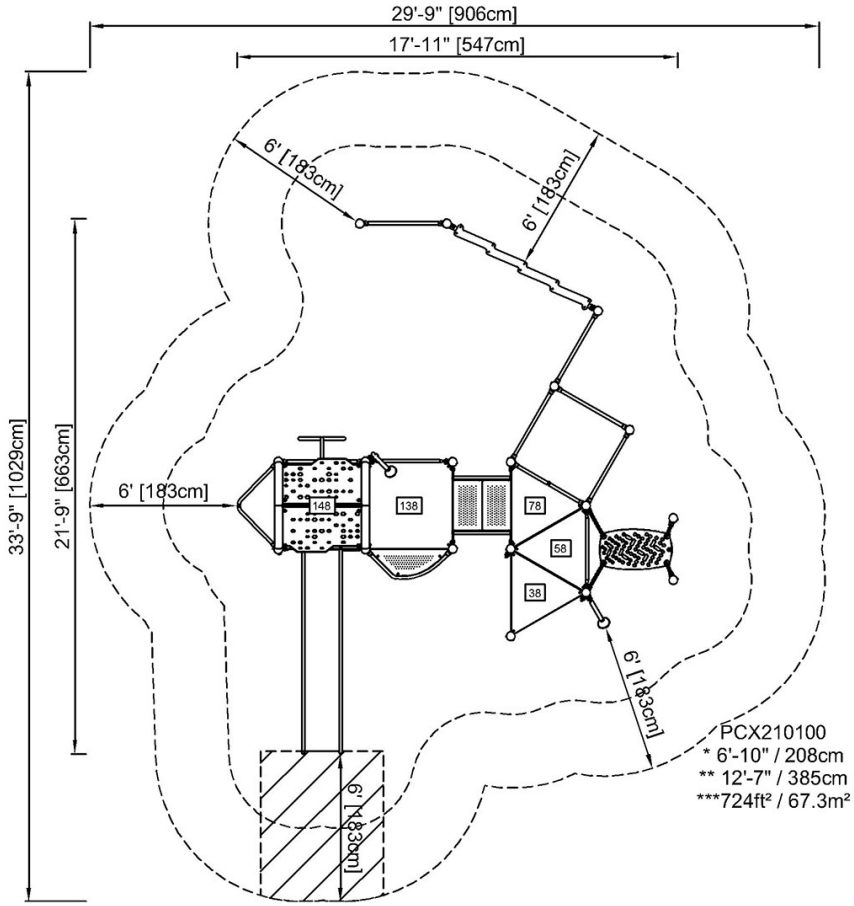
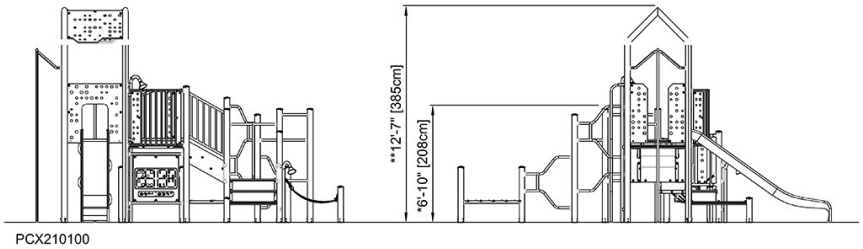
* Max fall height | ** Total height | *** Safety surfacing area



Click to see TOP VIEW

* Max fall height | ** Total height



Click to see SIDE VIEW