


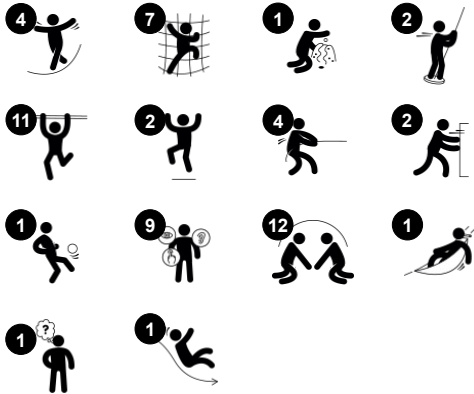


# Queensboro Play & Agility Tower

PCX2102



Item no. PCX210200-0901	
General Product Information	
Dimensions LxWxH	29'4"x21'4"x14'5"
Age group	5 - 12
Play capacity (users)	52
Color options	  



The Queensboro offers a wide variety of play activities including climbing and sliding plus other challenging physical activities, such as overhead ladders, balance beams and bars in different heights for agility training. The platform has egresses via banister bars, a slide, and a fireman's pole. These are challenging activities stimulating children's

courage and self-esteem. The entrances include a wide stairway and a climbing wall with a fast and more challenging side. The variety of activities ensure play for everyone. Apart from being great fun, climbing, sliding, and crossing the monkey bars or balance beam trains children's muscles as well as their motor skills such as cross-body coordination

and balance.

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## Overhead ladder

**Physical:** develops children's upper body muscles and arm strength, cross coordination and spatial awareness. This is especially important due to sedentary lifestyles and back-pain in children. **Social-Emotional:** chill and socialize on top of the overhead ladder, training cooperation.



## 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.



## Hammock

**Physical:** coordination and sense of balance when swaying. **Social-Emotional:** meeting, pushing friends gently back and forth, turn-taking.



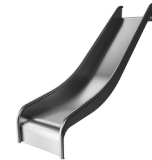
## Fireman's pole

**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.



## Climbing wall

**Physical:** develops children's cross coordination, eye-hand coordination, and muscle strength when climbing. **Social-Emotional:** two-sided climb invites cooperation.



## 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.



## Talk tube

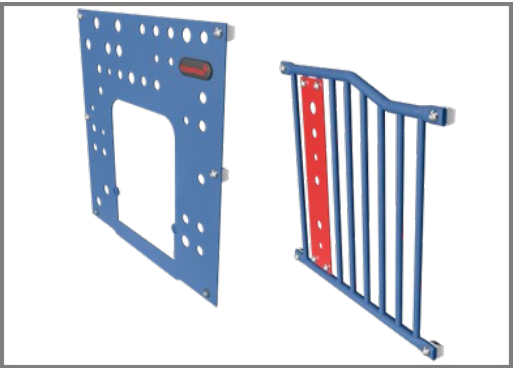
**Social-Emotional:** encourages communication and social interaction. **Cognitive:** evokes curiosity and stimulates an understanding of cause and effect and object permanence: objects and people still exist when out of sight.

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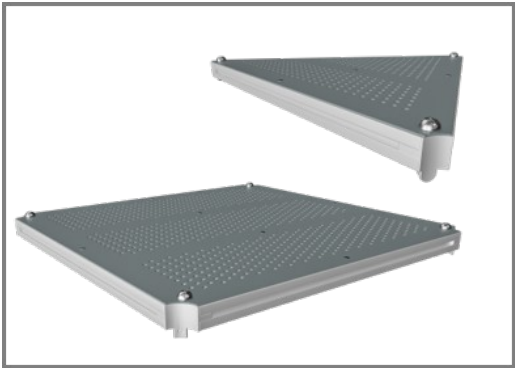
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All steel components are made of high quality materials. The posts have an alloy with improved tensile and yield strength according to the NYCP material specification. The painted aluminum post caps are riveted to the top of the post.

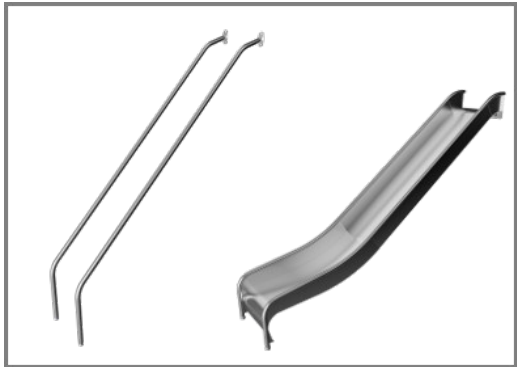


All panels and one-piece welded steel grids are made of low carbon steel and corrosion treated by hot dip galvanization or metallization with a minimum thickness according to NYCP material specification.

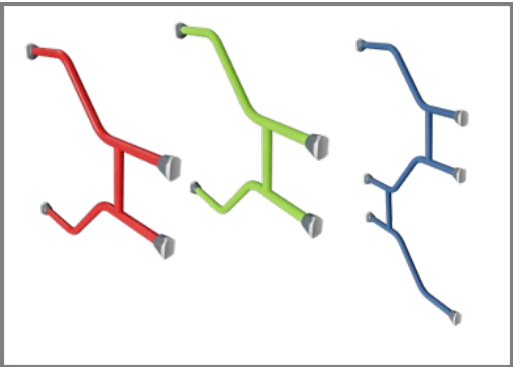


All decks are made of perforated low carbon steel plates supported by aluminum profiles with no unsupported area larger than four square feet. After metallization the decks are coated with a polyurea non-slip surface which provides extremely good wear and tear resistance.

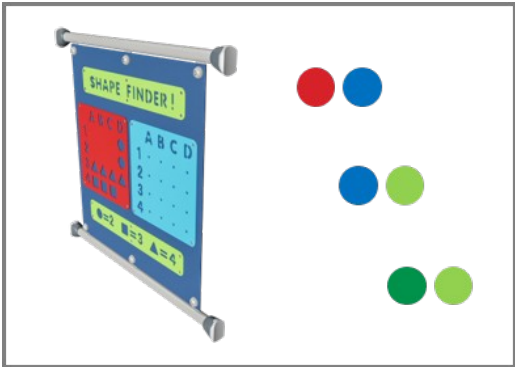
Item no. PCX210200-0901	
Installation Information	
Max. fall height	8'7"
Safety surfacing area	1082ft²
Total installation time	40.8
Excavation volume	1.4yd³
Concrete volume	0.29yd³
Footing depth (standard)	2'9"
Shipment weight	4277lbs
Anchoring options	In-ground ✓
Warranty Information	
EcoCore HDPE	Lifetime
HDG post	Lifetime
HPL decks	15 Years
Ropes & nets	10 Years
Spare Parts Availability	10 Years



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 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.

Elevated activities 0	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

PCX2102



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	%
PCX210200-0901	4,613.74	3.02	47.95

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))

## Kompan A/S

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Denmark



## 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**

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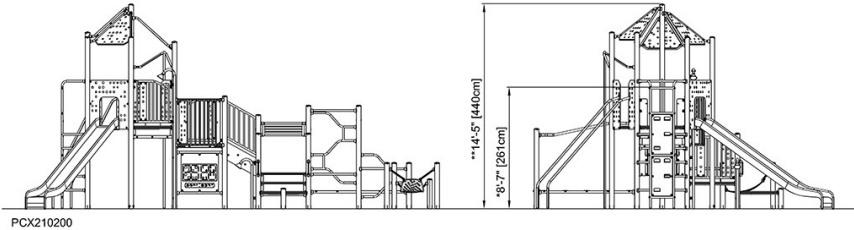
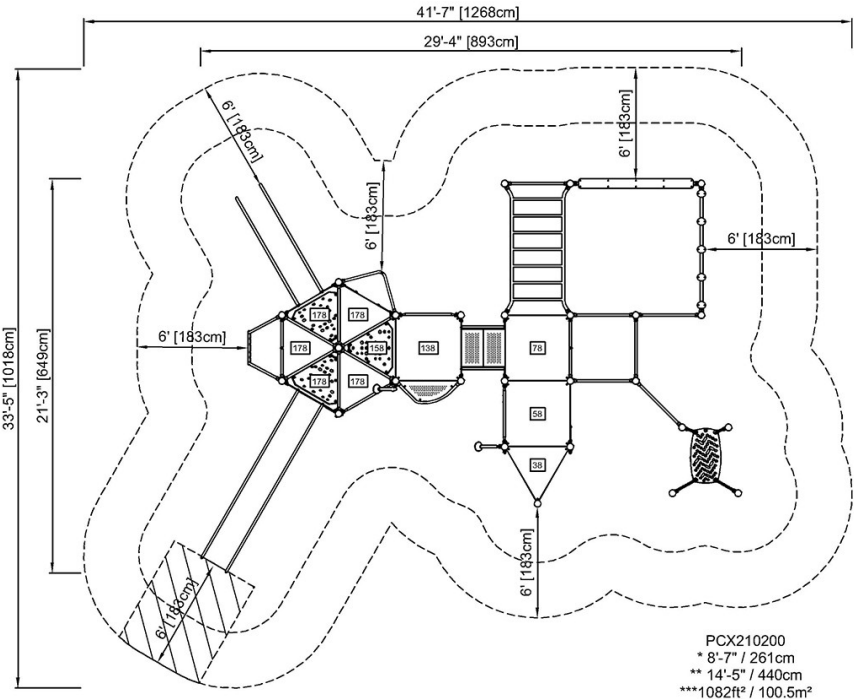
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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[Click to see SIDE VIEW](#)