

# Two Tower with Bridge

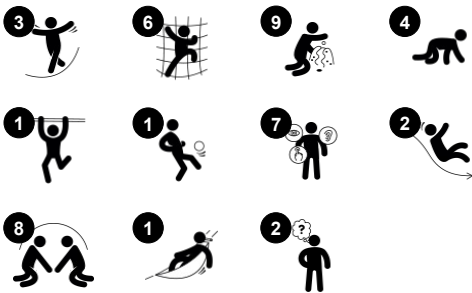
PCM213031



Item no. PCM213031-0905

## General Product Information

Dimensions LxWxH	866x577x412 cm
Age group	2 - 12
Play capacity (users)	20
Colour options	



Wow! The Two Tower with inclined Bridge is a phenomenal accessible structure that children want to come back to again and again. The rich variety of activities encourage children to climb, slide and socialize. The varied climbing accesses train children's cross-body coordination, which builds fundamental movement control skills that ultimately benefit

their mathematical understanding. The Slides are thrilling egresses, that also trains the sense of balance. The Jacob's Ladder offers climbing with a cognitive challenge: children need to figure out how to alternate their steps to reach the top. The Two Tower with Bridge also offers plenty of opportunities for social play on ground level, e.g. the Tic-Tac-Toe panel and the

Hammock, which assist children in building important social-emotional skills and friendships for life.

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PCM213031



## 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.



## Climbing net

**Physical:** supports physical strength and cross-body coordination, which impacts coordination of the right and left part of brain, fundamental for other skills such as the ability to read.



## Curved 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. **Cognitive:** young children develop their understanding of space, speed and distances when sliding down quickly.



## Tic-tac-toe panel

**Social-Emotional:** stimulates communication and turn-taking skills. **Cognitive:** support rules understanding, strategic thinking. **Creative:** leaving marks when tumblers are left in new positions.



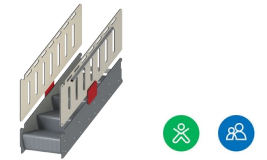
## Climbing wall

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



## 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.



## Accessible stairway

**Physical:** climbing the accessible stairway is for all and supports cross coordination as well as arm and leg muscles. For young children, walking stairs and alternating feet is developed. **Social-Emotional:** room for active breaks and adult helpers. An inclusive space.

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PCM213031



Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of material produced from +95% recycled post consumer material from food packing waste.



All decks are supported by unique designed aluminium profiles with multiple attachment options by usage of pressure moulded aluminium connectors. The HPL decks with a thickness of 17,8 mm with a very high wearing strength and a unique KOMPAN non skid surface texture.



Main posts with hot dip galvanized steel footing are available in different materials: Pressure impregnated pine wood posts. Pre-galvanized inside and outside with powder coated top finish steel posts. Lead free aluminum with color anodized top finish. Greenline TexMade posts of 95% post-consumer recycled PE and textile waste.



Ropes of UV-stabilized PES rope strands with inner steel cable reinforcement. The polyester yarn is made from +95% post-consumer materials and is inductively melted onto each strand.



The slides can be chosen in six different colors and three materials: Straight or curved one-piece molded PE slides, made from 33% recycled post-consumer materials in different colours. Combined EcoCore™ sides and stainless-steel. Full stainless steel in one piece design for more vandalism proof solutions.



KOMPAN GreenLine versions are designed with ultimate environmentally friendly materials with lowest possible CO2e emission factor. TexMade post, EcoCore™ panels of 95% post-consumer recycled waste and molded PP decks.

Item no. PCM213031-0905

## Installation Information

Max. fall height	276 cm
Safety surfacing area	72.5 m²
Total installation time	33.2
Excavation volume	0.88 m³
Concrete volume	0.11 m³
Footing depth (standard)	90 cm
Shipment weight	1,214 kg
Anchoring options	Surface ✓ In-ground ✓

## Warranty Information

EcoCore HDPE	Lifetime
PE slide	10 years
Post	10 years
PP Decks	10 years
Spare parts guaranteed	10 years

Elevated activities 6	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	6	2	2
Required	3	2	2

**CSA  
Z614**  
compliant

# Sustainability Data

PCM213031



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	%
PCM213031-0951	1,599.90	1.55	73.10
PCM213031-0905	2,002.80	2.31	58.80

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.

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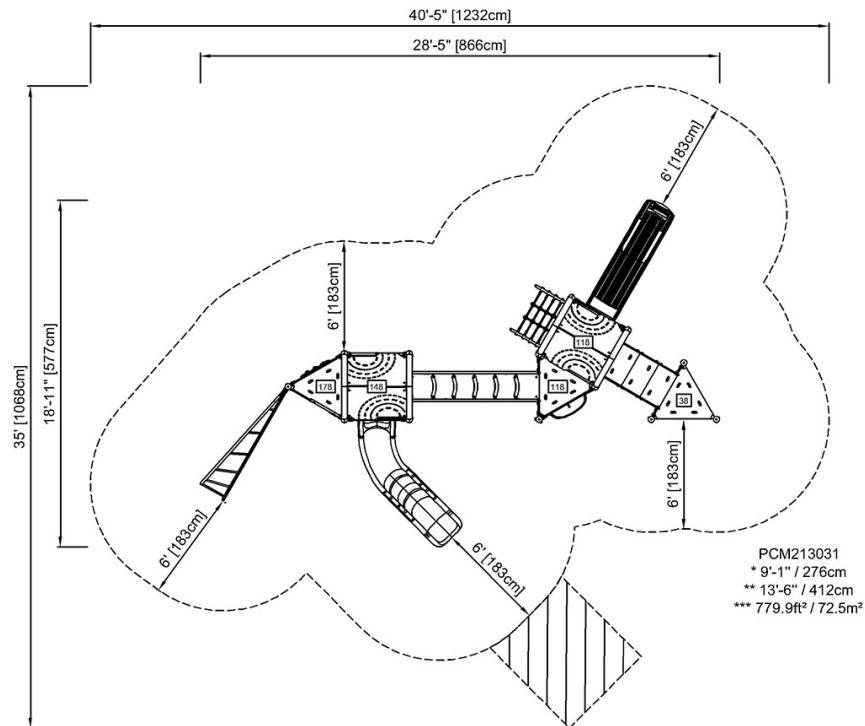


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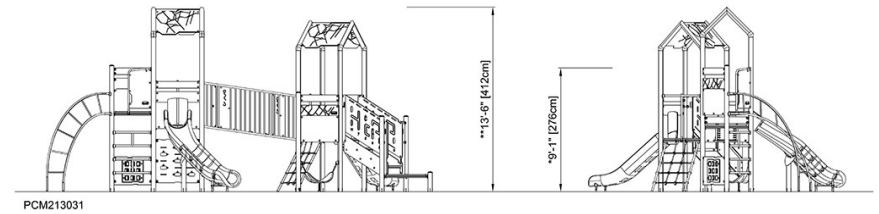
PCM213031

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

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



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