

# Double Tower with Turbo

PCM211432



Item no. PCM211432-0906	
General Product Information	
Dimensions LxWxH	537x406x380 cm
Age group	5 - 12
Play capacity (users)	14
Colour options	



WOW! The Double Tower is full of play value. It will attract children again and again with its multiple play activities, its accessible stairway and climbing wall. These will help train children's cross-coordination, which is important for the ability to e.g. read. The fireman's pole will see the child whizzing down training an understanding of space and

distances that is useful for example in managing street traffic securely. From the tower platform, the child can also access the fabulous Turbo Challenge: Hanging in hands or knees children cooperate in getting across and spinning together. This promotes taking turn skills and all round awareness. This is the fundament in managing the body confidently in

the world.

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## Turbo challenge

**Physical:** upper body muscles are trained when hanging. Agility, proprioception and coordination are trained when spinning from one ring to the next. Spatial awareness and sense of balance are trained by the rotating motion. **Social-Emotional:** the sections of each of the spinners allow for more children hanging in arms or knees, cooperating. This trains empathy and turn-taking skills.



## 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.



## Pipe ladder

**Physical:** cross coordination and eye-hand coordination are supported when children climb the ladder. The climbing also supports leg and arm muscles. **Social-Emotional:** learning about turn taking and cooperation.



## Score board

**Social-Emotional:** teams can each have a button to measure rounds, wins etc. The buttons support cooperation and teamwork. **Cognitive:** counting and registering support thinking skills such as logical thinking and sequencing.



## 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.



## 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.

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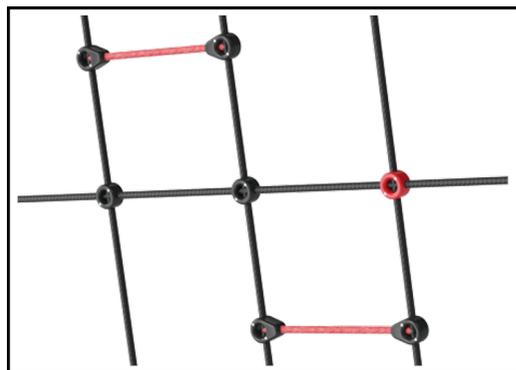
Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of material produced from +95% recycled post consumer material from food packing waste.



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.



All decks are supported by unique designed low-carbon aluminum profiles with multiple attachment options. The grey colored molded decks are made of 75% post-consumer waste PP material with a non-skid pattern and texture surface.



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.



Wood version of FSC®-certified (FSC®C004450) pine wood with pressure impregnated base treatment and brown painted top finish. Vertical boards and top ends protected by a unique aluminum profile for high outdoor durability.



Shade sails of commercial 95 high density PE knitted specially for sunshade structures. The sails are treated with UV stabilizers to ensure a long lifetime. The sails are supported by a hot dip galvanized steel frame. Closed sail equipped with an easy take down system.

Item no. PCM211432-0906

### Installation Information

Max. fall height	246 cm
Safety surfacing area	50.9 m <sup>2</sup>
Total installation time	21.9
Excavation volume	0.56 m <sup>3</sup>
Concrete volume	0.02 m <sup>3</sup>
Footing depth (standard)	90 cm
Shipment weight	924 kg
Anchoring options	Surface <input checked="" type="checkbox"/> In-ground <input checked="" type="checkbox"/>

### Warranty Information

EcoCore HDPE	Lifetime
Post	10 years
PP Decks	10 years
Ropes & nets	10 years
Spare parts guaranteed	10 years

Elevated activities	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present			
Required			

# Sustainability Data

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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	%
<b>PCM211432-0950</b>	880.24	1.35	76.37
<b>PCM211432-0906</b>	932.35	1.44	37.37

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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## 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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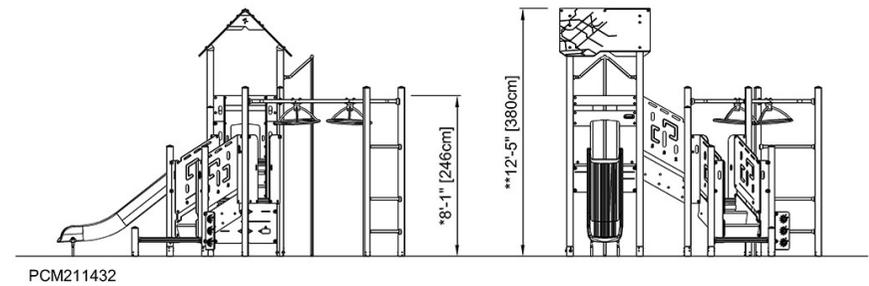
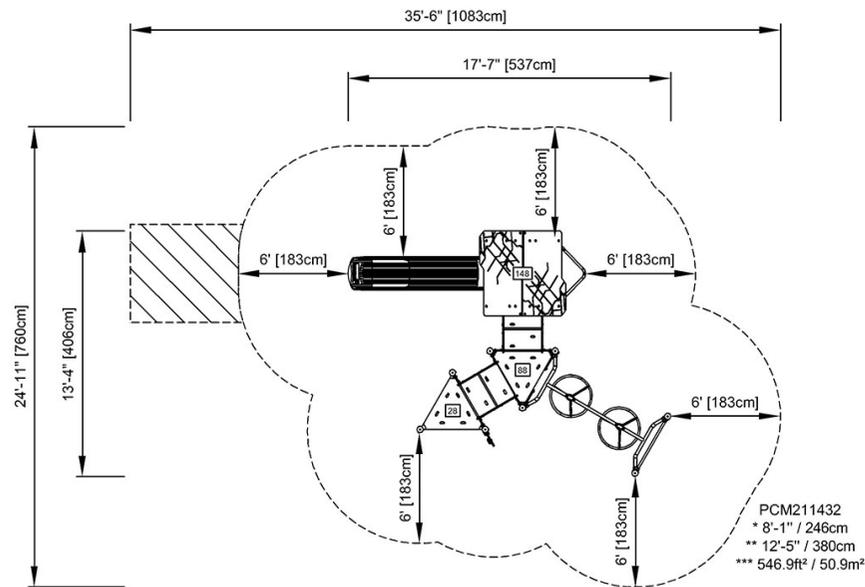


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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[Click to see SIDE VIEW](#)