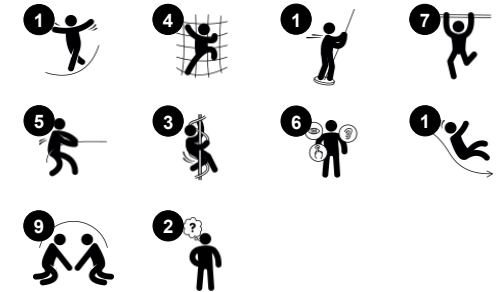


# Double Tower with Turbo Challenge

NRO2011



Item no. NRO2011-1021	
General Product Information	
Dimensions LxWxH	471x675x417 cm
Age group	4+
Play capacity (users)	17
Colour options	



The Double Tower with Turbo Challenge is an inviting play unit that attracts all children again and again. Thanks to its rich choice of wilder and milder play activities, there is no end to the fun. Climbing decks, rungs and nets lead to the tower, from where the slide or the curly climber takes the child back to ground level in thrilling ways. The Curly Climber stimulates the

proprioception and sense of space and balance. Sliding trains the senses of balance and space, important for managing the world confidently. The Turbo Challenge is great physical and social stimulation: Children cooperate and turn-take while spinning, hanging in legs or arms. This trains the upper body muscles, proprioception, and spatial

awareness, important for confidently navigating the world.

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## Rock climber

**Physical:** supports cross coordination and leg, arm and hand strength. The hand-holds on top ease entry into platform. **Social-Emotional:** the inclination makes climbing feel secure, especially for younger children.



## 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.



## Somersault bar

**Physical:** develop balance, spatial awareness, core, arm and leg muscles, when climbing up and hanging. **Social-Emotional:** meeting, socialising and turn-taking when climbing up and down via bar.



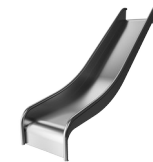
## Turbo challenge

**Physical:** upper body muscles are trained when hanging. Agility, proprioception and coordination are trained when spinning from one ring to the next. **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.



## Curly climber

**Physical:** supports coordination going down, sense of balance when rotating and arm muscles for holding tight. **Social-Emotional:** empathy stimulated by turn-taking. **Cognitive:** logical thinking when placing arms and legs right for rotating downwards.



## Slide

**Physical:** develops spatial awareness, sense of balance and trains core muscles when sitting upright going down. **Social-Emotional:** empathy stimulated by turn-taking.

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All organic Robinia products by KOMPAN are made of Robinia wood which is sourced from sustainable plantation farms. On request it can be supplied as FSC® Certified (FSC® C004450).



The paint used for coloured components is water based, which is environmentally friendly and has excellent UV resistance. The paint complies with Australian Standards.



The stainless-steel slides with one-piece slide bed are made of high-quality stainless-steel AISI 304.



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 hardware is made of stainless steel or galvanised steel to ensure durable connections that has high corrosion resistance.



The Robinia products come in a number of standard colour options. The wood can also be supplied as untreated or with brown painted with a pigment that maintains the wood colour.

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### Installation Information

Max. fall height	224 cm
Safety surfacing area	48.2 m <sup>2</sup>
Total installation time	22.3
Excavation volume	1.44 m <sup>3</sup>
Concrete volume	0.56 m <sup>3</sup>
Footing depth (standard)	100 cm
Shipment weight	1,420 kg
Anchoring options	In-ground ✓

### Warranty Information

Robinia Wood	15 years
Ropes & Nets	10 years
Spare Parts Guarantee	10 years
Stainless Steel Components	Lifetime
Stainless Steel Components	Lifetime





# Sustainability Data

NRO2011



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>NRO2011-1021</b>	634.97	0.59	6.28

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))

**Kompan A/S**  
 C.F. Tietgens Boulevard 32C  
 DK-5220 Odense SØ  
 Denmark



## Verification of CO<sub>2</sub> calculation of: Nature play



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: "Nature play" represented by item no.: NRO409-0621.

(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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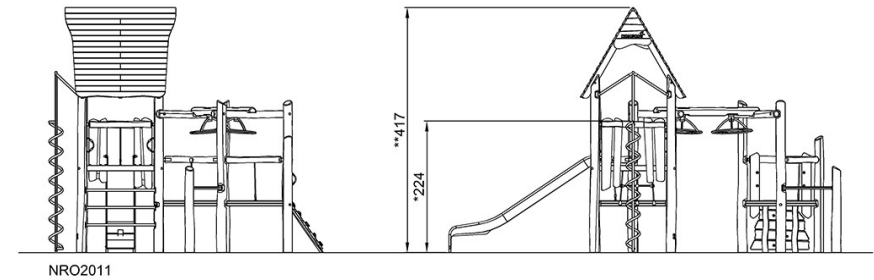
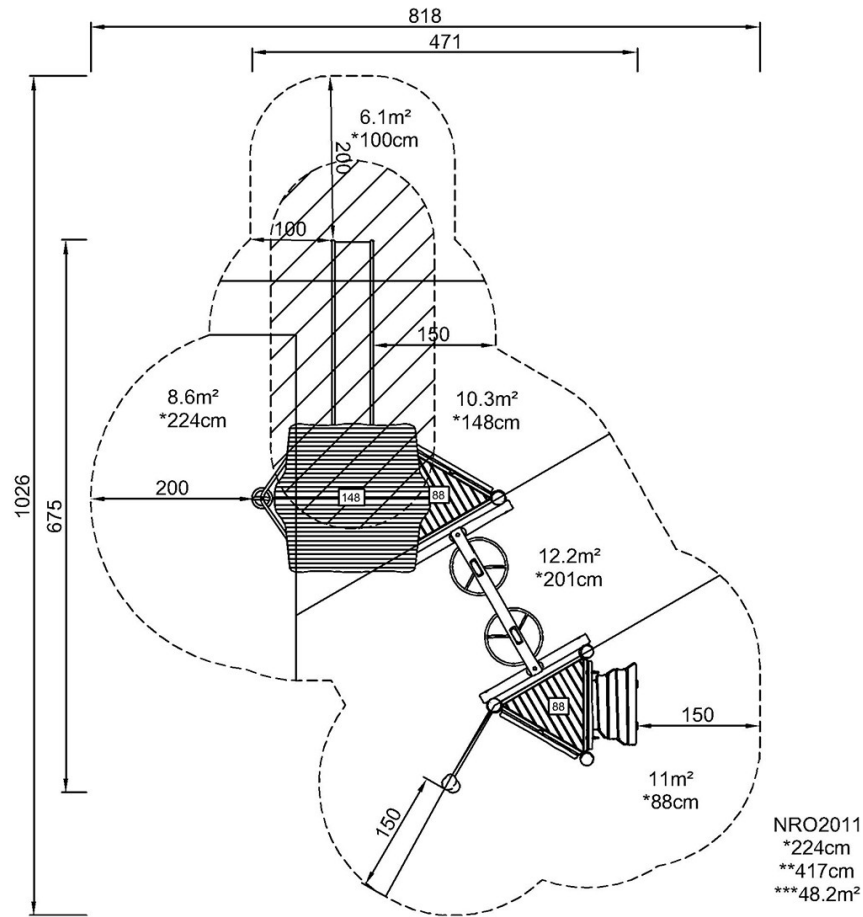


# Double Tower with Turbo Challenge

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

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



[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)