

Double Tower with Turbo Challenge (ASTM)

NRO2012

KOMPAN
Let's play



Item no. NRO2012-1021	
General Product Information	
Dimensions LxWxH	614x608x417 cm
Age group	5 - 12
Play capacity (users)	22
Colour options	



The Double Tower with Turbo Challenge is a wildly 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, where the slide or the curly climber takes the child back to ground level in thrilling ways. The Curly Climber stimulates

proprioception and sense of space and balance. There is also sense of wonder that stimulates thinking skills when children consider why they are rotating when using the Curly Climber. 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 take turns while spinning, hanging in legs or arms. This trains the upper body muscles, proprioception and spatial awareness, important for confidently navigating the world.

Double Tower with Turbo Challenge (ASTM)

NRO2012



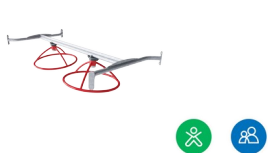
Rock climber

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.



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.



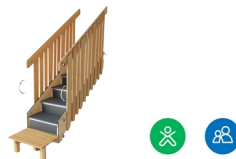
Turbo challenge

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.



Curly climber

Physical: coordination and proprioception are supported when placing arms and legs correctly for going down. Sense of balance when rotating. Arm muscles for holding tight. **Social-Emotional:** empathy stimulated by turn-taking. **Cognitive:** logical thinking when placing arms and legs right for rotating downwards.



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.



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.



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.

Double Tower with Turbo Challenge (ASTM)

NRO2012



All Organic Robinia products by KOMPAN are made of Robinia wood from sustainable European sources. On request it can be supplied as FSC® Certified (FSC® C004450).



The paint used for coloured components is water based environmentally friendly with excellent UV resistance. The paint is in compliance with EN 71 Part 3.



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

Item no. NRO2012-1021	
Installation Information	
Max. fall height	255 cm
Safety surfacing area	67.9 m ²
Total installation time	41.0
Excavation volume	2.36 m ³
Concrete volume	0.73 m ³
Footing depth (standard)	100 cm
Shipment weight	1,954 kg
Anchoring options	In-ground ✓
Warranty Information	
Robinia wood	15 years
Ropes & nets	10 years
Spare parts guaranteed	10 years
Stainless steel components	Lifetime
Stainless steel components	Lifetime



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 with a high corrosion resistance.



The Robinia products are designed with a KOMPAN colour concept with a number of different standard colours. The wood can also be supplied as untreated or with brown painted with a pigment that maintains the wood colour.

Elevated activities 7	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	4	1	1
Required	4	2	2

**CSA
Z614**
compliant

Sustainability Data

NRO2012



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
NRO2012-1021	775.56	0.50	6.11

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 CO₂ calculation of: Nature play



Data version no. 2023-10-05

The CO₂ 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 CO₂ 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

By Bureau Veritas HSE
 www.bureauveritas.dk
 +45 7731 1000

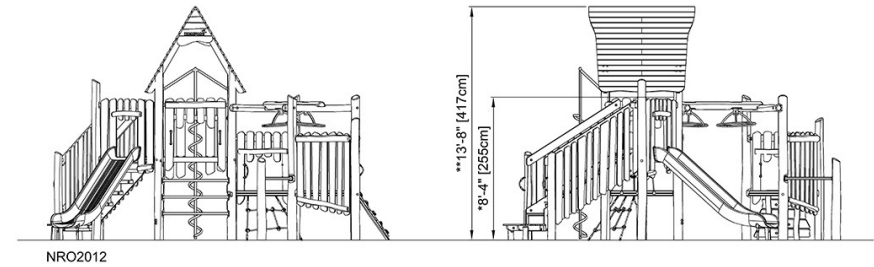
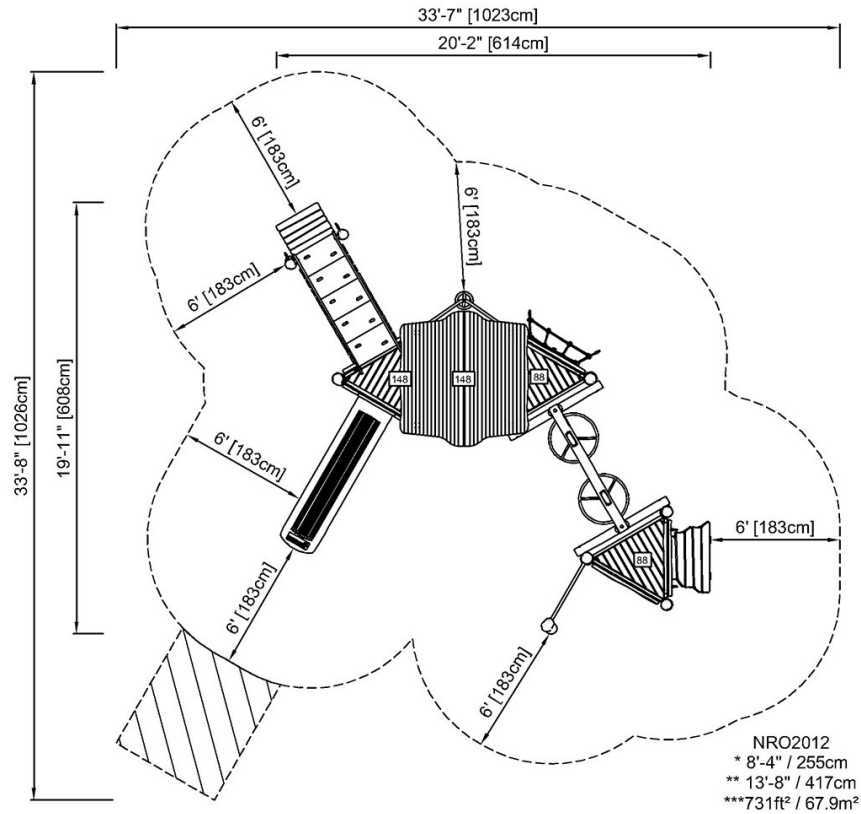


Double Tower with Turbo Challenge (ASTM)

NRO2012

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

* Max fall height | ** Total height



[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)