

Tall Castle, Medium

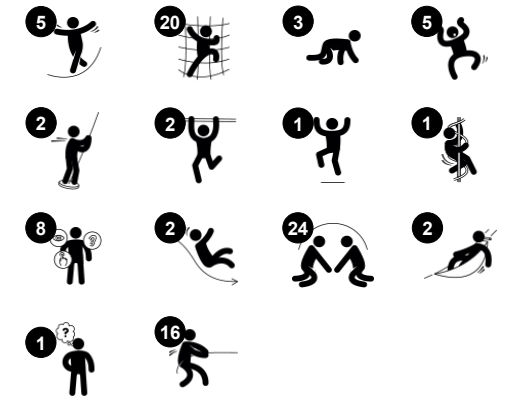
NRO428



Item no. NRO428-1222

General Product Information

| | |
|-----------------------|---|
| Dimensions LxWxH | 1506x886x802 cm |
| Age group | 6+ |
| Play capacity (users) | 60 |
| Color options |  |



The magnificent Tall Castle adds a medieval daredevil touch to the play-ground, attracting children over and over. With its wild distribution of high-paced, multi-level play options, the Tall Castle allows for a wide range of ages, abilities and families to have fun in play. The ground level offers nice rest areas, retraction points for all. At the sides, lower loops of play guarantee

thrills for younger or less daring players. In the middle, a multitude of highly varied accesses takes the children to the next level. From here even more accesses with internal climber nets and outside climbing cage lead to the two tops. The reward is a fabulously wild, speedy slide ride to the ground. Taking on the varied play challenges of the Tall Castle trains children's

ability to suppress fear and judge their abilities. They train risk taking in a safe, thrilling, playful way.

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Cannon

Cognitive: the cannon set a tangible theme and thus spur dramatic play. Dramatic play supports language and communication skills.



Long tube slide

Physical: sliding develops spatial awareness and the sense of balance. **Social-Emotional:** the height ensures extra speed and thrill. Empathy stimulated by turn-taking and consideration of others. Feeling of security when stopping on extra long slide mouth.



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.



Rapella

Physical: supports cross coordination, proprioception and sense of space. Leg and core muscles are used intensely. Upper body muscles are developed when children pull themselves upwards in the rope. **Social-Emotional:** turn-taking and self-regulation, both important life skills.



Draw bridge area

Physical: varied rope rails offer levelled challenge of balance and spatial awareness as well as arm, leg and core muscles. **Social-Emotional:** the two rope rails support cooperation, parallel play and positive competition by offering varied difficulty levels in entrance.



Hammock

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



Wire frame tunnel

Physical: the steep climb in open space trains spatial awareness, cross coordination and muscle strength. **Social-Emotional:** sense of height and thrill, turn-taking and consideration of others.

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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 environmental friendly with excellent UV resistance. The paint is in compliance with EN 71 Part 3.



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.

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|--------------------------|----------------------|
| Installation Information | |
| Max. fall height | 230 cm |
| Safety surfacing area | 124.9 m ² |
| Total installation time | 151.8 |
| Excavation volume | 0.00 m ³ |
| Concrete volume | 0.00 m ³ |
| Footing depth (standard) | 120 cm |
| Shipment weight | 12,041 kg |
| Anchoring options | In-ground ✓ |



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.



Curved and straight stainless-steel tunnel slides are supported by multiple steel rods to a center steel post. The tunnel slides are designed with perfect curve and inclination for a playful ride.



The wire frame tunnel is made of hot dip galvanised high quality steel. Corocord 16mm ropes are special 'Hercules'-type with galvanised four-stranded steel wires and a steel wire core. Each strand is tightly wrapped with PES yarn, which is melted onto each individual strand.

**EN
1176**
compliant

Sustainability Data

NRO428



| Cradle to Gate A1-A3 | Total CO ₂ emission | CO ₂ e/kg | Recycled materials |
|----------------------|--------------------------------|-------------------------|--------------------|
| | kg CO ₂ e | kg CO ₂ e/kg | % |
| NRO428-1222 | 16,633.10 | 1.49 | 14.60 |

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 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.

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