Four Tower Castle

PCM410621

KOMPAN
Let's play®

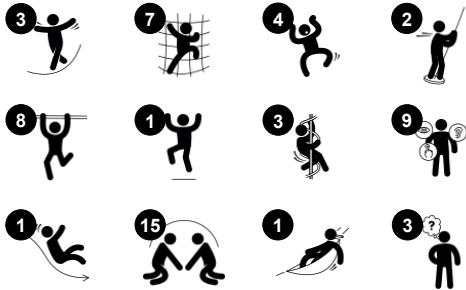| Item no. PCM410621-0901	
General Product Information	
Dimensions LxWxH	514x766x470 cm
Age group	4+
Play capacity (users)	40
Colour options	●

The Four Tower Castle offers amazing play experiences to explore time and again. The door on the ground level evokes a dungeon story, and the treasure chest begs to be explored. The themed design inspire dramatic play, stimulating language development and social interaction in children. The Four Tower Castle is also rich in physical play challenges: the varying slides train the sense of space and balance, while the The Curly Climber prompts children to hang by their arms and legs and spin with friends in a thrilling descent. The Curly Climber is also great for developing social and turn-taking skills, proprioception and the logical thinking skills.

Data is subject to change without prior notice.

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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.

Climbing net
Physical: children develop cross-body coordination and muscle strength. The asymmetry of the net challenges the children's climbing and crawling through. **Social-Emotional:** the big meshes allow for more children seated together, sharing.

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

Treasure box
Cognitive: object permanence: hiding objects and finding them again. Spurs exploration and dramatic play, stimulating conversations.

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

Slime door
Physical: tactile stimulation from moving the body through the rubber slime door. **Social-Emotional:** stimulates turn-taking. **Cognitive:** slime door encourages hide-and-seek, peek a boo games . Trains understanding of object permanence.

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.

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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 a core produced from 100% recycled material.

Main posts with hot-dip galvanised steel footing are available in different materials including; pressure impregnated pinewood posts, pre-galvanised posts that are powder-coated or a lead-free aluminium option with an anodised colour top finish.

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.

Item no. PCM410621-0901	
Installation Information	
Max. fall height	284 cm
Safety surfacing area	78.0 m²
Total installation time	41.9
Excavation volume	2.68 m³
Concrete volume	1.13 m³
Footing depth (standard)	90 cm
Shipment weight	1,701 kg
Anchoring options	In-ground ✔
	Surface ✔
Warranty Information	
EcoCore HDPE	Lifetime
Post	10 years
PP Decks	10 years
Ropes & Nets	10 years
Spare Parts Guarantee	10 years

The slides can be chosen in different materials and colours. Options include straight, or curved moulded PE slides in yellow or grey colour or a full stainless steel option which is a more vandalism proof solutions.

Activities are made of high-quality stainless steel which is cleaned by a total pickling process after manufacturing to ensure a smooth and clean gliding surface.

Nets and ropes are made of UV-stabilised PA with inner steel cable reinforcement. The rope is induction treated to create a strong connection between steel and rope, which leads to durable weather resistance.

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Sustainability Data

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Cradle to Gate A1-A3	Total CO₂ emission	CO₂e/kg	Recycled materials
	kg CO₂e	kg CO₂e/kg	%
PCM410621-0901	2,921.00	2.42	61.40

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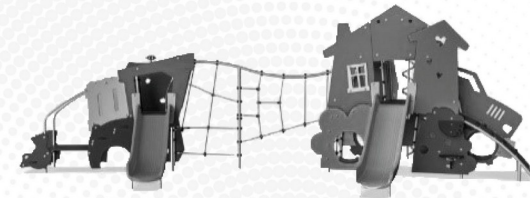
Kompan A/S
C.F. Tietgens Boulevard 32C
DK-5220 Odense SØ
Denmark

Validation of CO₂ calculation method
BUREAU VERITAS
HSE Denmark A/S

Verification of CO₂ calculation of:
Themed play systems

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: "Themed play systems" represented by item no.: MSC641100-3717P.

(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
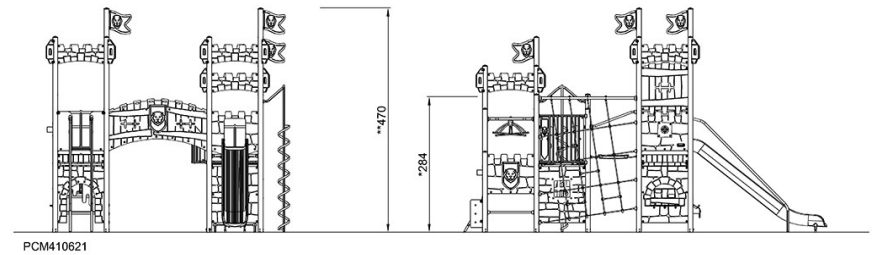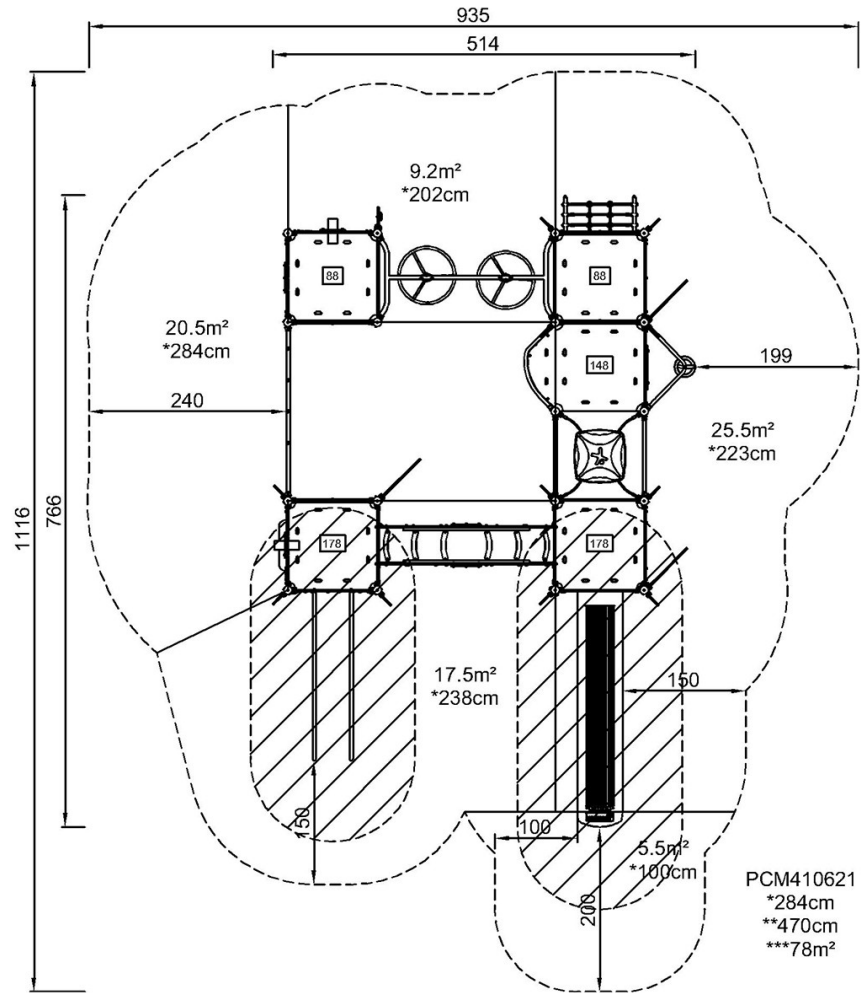www.bureauveritas.dk
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* Max fall height | ** Total height | *** Safety surfacing area

935
514
9.2m²
*202cm
88
88
20.5m²
*284cm
148
199
240
25.5m²
*223cm
1116
766
178
178
17.5m²
*238cm
150
150
100
200
5.5m²
*100cm
PCM410621
*284cm
**470cm
***78m²

* Max fall height | ** Total height

PCM410621

**470
*284

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