

# Little Mermaid, Ugly Duckling & Castle


MSC6433

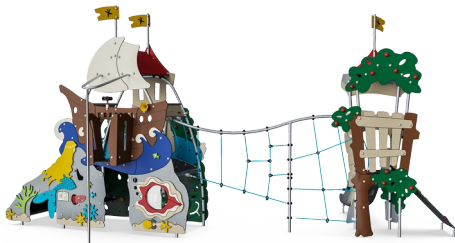
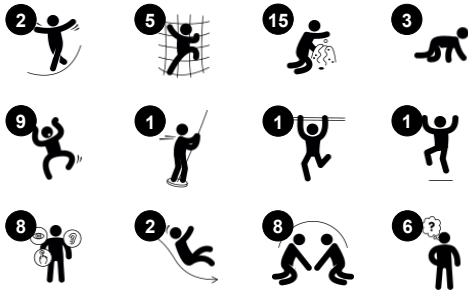


The highly appealing fairy-tale themes of The Ugly Duckling and the Little Mermaid have a huge attraction on children and adults, with the awesome variety of play events for the mind and body attracting children to play and explore, again and again. The fairy-tale manipulatives inspire dramatic play, which is a great training of language skills, they also train

logical thinking skills when children figure out their function. All these elements can be worked from both sides of the panels, spurring social interaction and adding play capacity. The wide variety of climbing, sliding, jumping activities train basic motor skills, important for navigating the world securely. In short, play for the development of the whole child. The QR-

codes give free access to a whole fairy-tale world with e-books and educational games in 16 languages.

|                             |   |
|-----------------------------|---|
| Item no. MSC643300-3717P    |   |
| General Product Information |   |
| Dimensions LxWxH            | 743x449x368 cm  |
| Age group                   | 2+  |
| Play capacity (users)       | 25  |
| Colour options              |  |



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## Fireman's pole

**Physical:** supports coordination, arm and core muscles. Landing strengthens bone density. **Social-Emotional:** turn-taking and risk-taking. **Cognitive:** young children develop their understanding of space, speed and distances when gliding down fast.



## Slide

**Physical:** develops spatial awareness, sense of balance and trains core muscles when sitting upright going down. **Social-Emotional:** empathy stimulated by turn-taking. **Cognitive:** young children develop their understanding of space, speed and distances when sliding down.



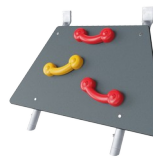
## Book with QR-code

**Cognitive:** scan the code and access a range of e-books and educational games in your native or 15 other languages. Scanning in a range of e-books with fairytales or playful learning games. **Creative:** scanning in an AR (Augmented Reality) element that allows for creating photos in real time with figures from the Hans Christian Andersen fairytales.



## Egg-laying hens

**Social-Emotional:** parallel play: two of the same activity. **Cognitive:** hand-eye coordination, cause and effect understanding and language skills are trained when tilting the hen to find the egg.



## Rock climber

**Physical:** supports cross coordination and leg, arm and hand strength. **Social-Emotional:** the inclination makes climbing feel secure, especially for younger children.



## Nest with eggs

**Social-Emotional:** eggs can be run from both sides of the panel, supporting cooperation and turn-taking skills. **Cognitive:** cause and effect understanding and language skills are trained when describing the movement of the eggs. **Creative:** placing the eggs in different patterns and positions, leaving a mark.



## Farm shop scoop scale

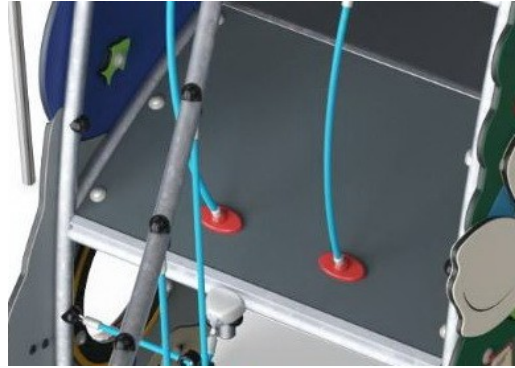
**Social-Emotional:** parallel play and turn-taking skills. **Cognitive:** hand eye coordination, cause and effect understanding and logical thinking.

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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.



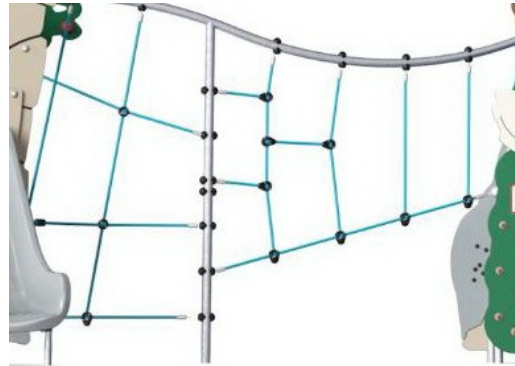
All floors are made from high-pressure laminate HPL with a thickness 17.8mm and non-skid surface texture. KOMPAN HPL is high wearing and suitable for all climates.



The curved climbing wall is made of Ekogrip® panel that consists of a 15mm thick PE base with 3 mm top-layer of soft rubber with a non-skid effect.



The slide is made of moulded PE, which has high impact resistance across a wide temperature span and is vandal resistance.



Climbing nets are made of UV-stabilised PP rope with inner steel cable reinforcement. The rope is induction treated to obtain maximum fixation between steel and rope, which provides excellent wear and tear resistance. All rope connectors are made of 100% recyclable PA material.



The steel surfaces are hot-dip galvanised inside and outside with lead-free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.

|                                 |                          |
|---------------------------------|--------------------------|
| Item no. MSC643300-3717P        |                          |
| <b>Installation Information</b> |                          |
| Max. fall height                | 193 cm                   |
| Safety surfacing area           | 51.4 m²                  |
| Total installation time         | 41.1                     |
| Excavation volume               | 1.54 m³                  |
| Concrete volume                 | 0.00 m³                  |
| Footing depth (standard)        | 90 cm                    |
| Shipment weight                 | 1,109 kg                 |
| Anchoring options               | In-ground ✓<br>Surface ✓ |
| <b>Warranty Information</b>     |                          |
| EcoCore HDPE                    | Lifetime                 |
| Galvanised Steel                | Lifetime                 |
| HPL Decks                       | 15 years                 |
| Ropes & Nets                    | 10 years                 |
| Spare Parts Guarantee           | 10 years                 |





# Sustainability Data

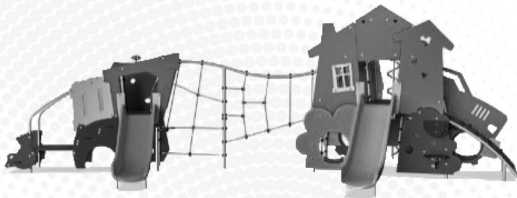
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| Cradle to Gate A1-A3 | Total CO <sub>2</sub> emission | CO <sub>2</sub> e/kg    | Recycled materials |
|----------------------|--------------------------------|-------------------------|--------------------|
|                      | kg CO <sub>2</sub> e           | kg CO <sub>2</sub> e/kg | %                  |
| MSC643300-3717P      | 1,936.20                       | 2.16                    | 57.80              |

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))

## Verification of CO<sub>2</sub> calculation of: Themed 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: "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 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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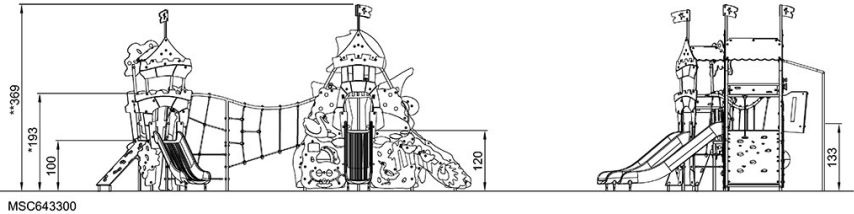
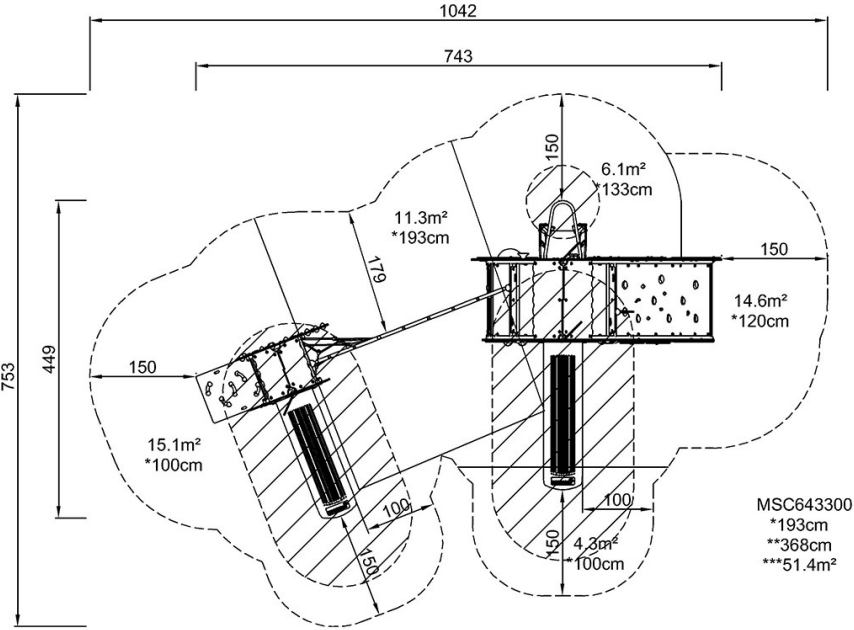


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)