

# Swan

M174



Item no. M17401-01P

## General Product Information

Dimensions LxWxH	1'9"x2'6"x2'7"
Age group	2 - 5
Play capacity (users)	1
Color options	



The amazing, graceful Swan should be in all playgrounds. Children seek it out to rock and play again and again. The Swan is truly universal design: the back, calf and foot supports, the shelter of the seat sides and the vertical handholds make it accessible and usable for all. Children rock the Swan using their leg, arm and core muscles to coordinate

movements and set it into motion. Alternatively, the spring will move when children stem their back into the seat, without using leg muscles. The handholds support a relevant grip height for all. Rocking the Swan supports the senses of balance and space that are fundamental for body confidence and movement control. The springer's response to movement builds an

understanding of cause-and-effect. It supports logical thinking, a fundamental cognitive skill.



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## Theme

**Cognitive:** suggests a theme and supports dramatic play, which stimulates language and communication skills.



## Foot and back support

**Physical:** extra back and foot support for children with mobility challenges. Rocking promotes sense of balance and space, both important in navigating the body in space. Arms and leg muscles strengthened when holding tight and pushing with legs.



## Handhold

**Physical:** the vertical handgrips ensure a firm grip at different heights, necessary for rocking intensely. This trains hand and arm muscles.



## Rocking spring

**Physical:** response to movement increases spatial awareness and sense of balance. These are fundamental motor skills that help the child's ability to sit still on a chair which takes a good sense of balance. **Cognitive:** trains the understanding of cause and effect: when I move my body, the spring responds with movement.

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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.



KOMPAN Springs are made of high quality spring steel according to EN10270. The springs are cleaned by phosphating before they are painted with an epoxy primer and a polyester powder coating as top finish. The springs are fixed by unique anti pinch fittings for maximum safety and long lifetime.



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Installation Information	
Max. fall height	1'7"
Safety surfacing area	168ft <sup>2</sup>
Total installation time	3.2
Excavation volume	0.25yd <sup>3</sup>
Concrete volume	0yd <sup>3</sup>
Footing depth (standard)	1'6"
Shipment weight	94lbs
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
EcoCore HDPE	Lifetime
HPL seat	15 Years
Spare Parts Availability	10 Years
Springs	5 Years



Handholds are made of injection molded high quality nylon (PA6). PA6 has good wearing and impact strength.



Foot support is made of HPL with a thickness of 17.8mm with a very high wearing strength and a unique KOMPAN non-skid surface texture.



Back support is made of PUR. All components retain their properties in the temperature range of -30°C to 60°C. All materials are UV stabilised to a maximum without use of heavy metal stabilisers.

Elevated activities 0	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	0	1	1
Required	0	1	1



# Sustainability Data

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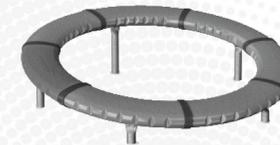
Cradle to Gate A1-A3	Total CO <sub>2</sub> emission	CO <sub>2</sub> e/kg	Recycled materials
	kg CO <sub>2</sub> e	kg CO <sub>2</sub> e/kg	%
<b>M17401-01P</b>	93.70	2.30	50.20

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 CO<sub>2</sub> calculation of: Freestanding play equipment



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: "Freestanding play equipment" represented by item no.: GXY916012-3417.

(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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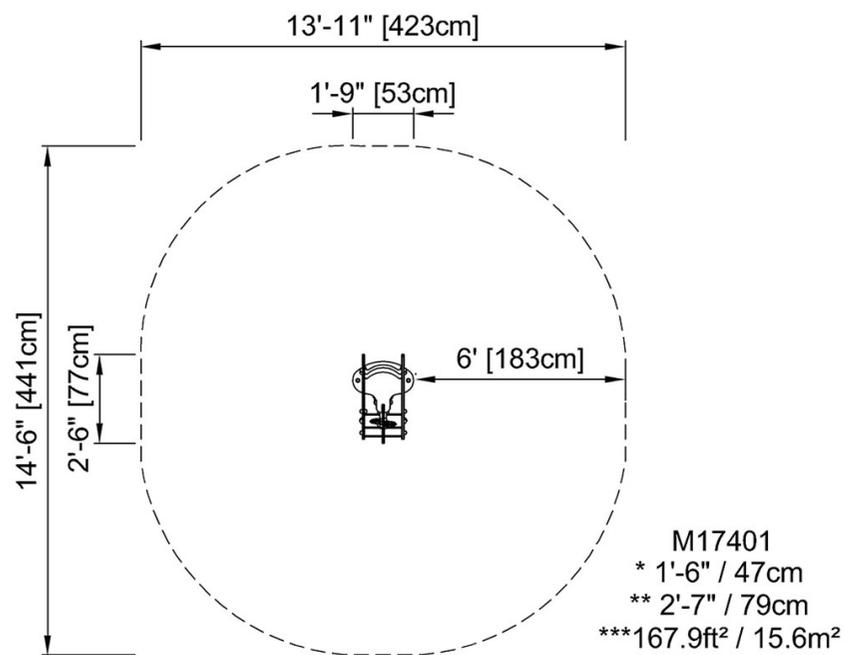


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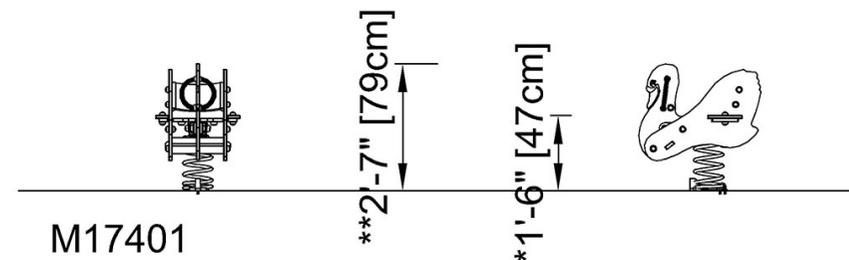
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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