

# Stinger




ELE400020



The Stinger with it's whimsical, rodeo look attracts toddlers for a shorter or longer ride, again and again. Apart from its appealing shapes, the Stinger offers tactile variation with its rubber hand holds and smooth body. Tactile richness is the main motivator, especially in younger children. It supports their understanding of material characteristics such

as weight, smoothness, temperature and flexibility. The slightly sloped seat provides a seating destination which ensures hours, years and decades of fun. The soothing, rocking movement of the Stinger trains the sense of balance and the spatial awareness. These are both crucial for body confidence, e.g. fall prevention. A well-developed sense of balance

is fundamental for the ability to sit still and concentrate. The Stinger offers children more than a mere fun ride.

Item no. ELE400020-01E	
General Product Information	
Dimensions LxWxH	78x37x70 cm
Age group	2+
Play capacity (users)	1
Color options	  



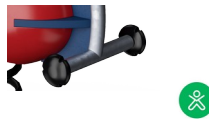
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## Handhold

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



## Foot support

**Physical:** the possibility of footrest supports intensive rocking. Rocking stimulates the senses of balance and space that are fundamental in managing the world securely.

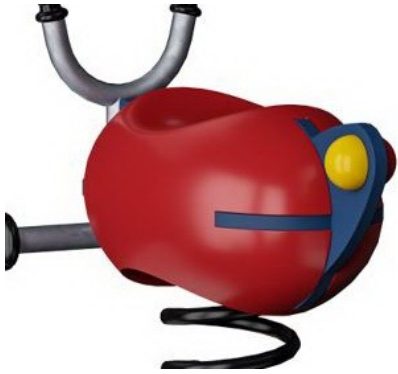


## Rocking spring

**Physical:** response to movements adds to 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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The seat is made with recycable PE from 33% post consumer materials and moulded in one piece with a minimum 5mm wall thickness. PE has high impact resistance across a wide temperature span which ensures vandal resistance in all locations.



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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Handles are made with a moulded PP insert and an outer layer of soft TPV rubber. The handles are attached to the pipe with a galvanised steel inlay to ensure strength and durability.



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.



KOMPAN GreenLine versions are designed with ultimate environmentally friendly materials with lowest possible CO2e emission factor such as EcoCore™ panels of +95% post consumer recycled ocean waste.

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## Installation Information

Max. fall height	60 cm
Safety surfacing area	5.8 m²
Total installation time	1.9
Excavation volume	0.19 m³
Concrete volume	0.00 m³
Footing depth (standard)	45 cm
Shipment weight	35 kg
Anchoring options	In-ground ✓ Surface ✓

## Warranty Information

Hollow PE parts	10 years
Hot dip galvanised steel	Lifetime
Spare parts guaranteed	10 years
Springs	5 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	%
ELE400020-01E	76.36	2.54	42.07

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.

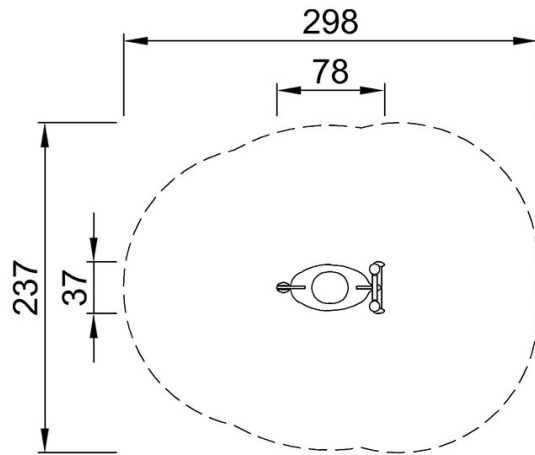
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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

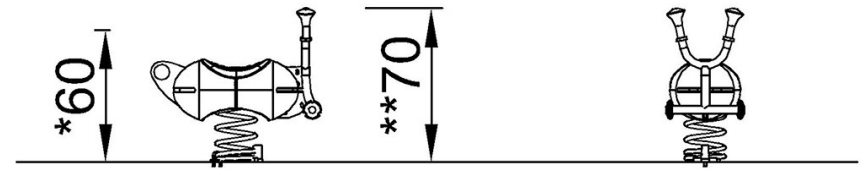


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\*60cm

\*\*70cm

\*\*\*5.8m<sup>2</sup>



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