




Forest Bug Springer

NRO112



The Forest Bug with its chunky, rocking body attracts toddlers for a fun bouncy ride. The cute critter offers tactile variation with its steel hand hold, rubber foot support, and smooth, wooden body. This tactile richness supports younger children's understanding of material characteristics such as weight, smoothness, temperature, and flexibility which is important

for risk management. The soothing, rocking movement of the Forest Bug trains the sense of balance and spatial awareness which are crucial for body confidence, e.g. in avoiding falling. A good sense of balance is essential for the ability to sit still and concentrate. The spring ensures hours, years, and decades of fun.

Item no. NRO112-0421	
General Product Information	
Dimensions LxWxH	71x48x69 cm
Age group	3+
Play capacity (users)	1
Colour options	  



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Handhold

Physical: opens more hold positions and ensures good grip, necessary for rocking intensely which trains hand and arm muscles.



Rocking spring

Physical: response to movements adds to spatial awareness and sense of balance which are fundamental motor skills.

Cognitive: trains the understanding of cause and effect: when I move my body, the spring responds with movement.



Foot support

Physical: the footrest supports intensive rocking, which stimulates the senses of balance and space, fundamental for managing the world securely.



Theme

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

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All organic Robinia products by KOMPAN are made of Robinia wood which is sourced from sustainable plantation farms. On request it can be supplied as FSC® Certified (FSC® C004450).



The paint used for coloured components is water based, which is environmentally friendly and has excellent UV resistance. The paint complies with Australian Standards.



Handles and footrests are made of high-quality stainless steel and equipped with moulded on PUR handholds and footsteps. The PUR footrests are designed with grooves to make the surface slip-resistant.



KOMPAN's springs are manufactured from high-quality spring steel. The springs are cleaned by phosphating before being painted with epoxy primer and polyester powder coating. The springs are fixed by unique anti-pinch fittings for maximum safety and longevity.



Robinia products are available in three different wood treatment options; untreated Robinia wood or brown painted with a pigment that maintains the wood colour and coloured version with paint of selected components.

Item no. NRO112-0421	
Installation Information	
Max. fall height	60 cm
Safety surfacing area	7.1 m²
Total installation time	1.9
Excavation volume	0.17 m³
Concrete volume	0.00 m³
Footing depth (standard)	42 cm
Shipment weight	38 kg
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
PUR Components	10 years
Robinia Wood	15 years
Spare Parts Guarantee	10 years
Springs	5 years
Stainless Steel Components	Lifetime



Sustainability Data

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Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
NRO112-0421	69.10	2.05	29.50

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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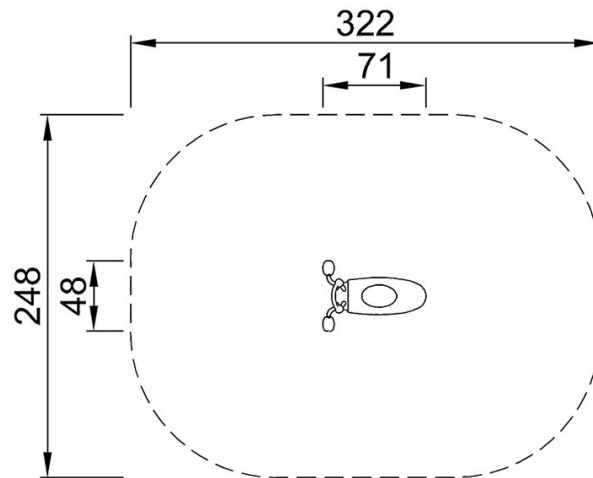


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* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



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*60cm
**69cm
***7.1m²

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[Click to see SIDE VIEW](#)