


# Balance Rope

KPL804

Item no. KPL804-0801

## General Product Information

Dimensions LxWxH	280x380x47 cm
Age group	3+
Play capacity (users)	10
Colour options	



Tight rope walking on the Balance Rope is a fun and highly motivating balancing experience that children want to try out, again and again. The Balance Rope sways and responds to the child's movements, adding an element of thrill and demanding concentration to complete every step. The Balance Rope tight rope walks are also great training for the sense of balance.

The sense of balance is fundamental for all other motor skills. A well trained sense of balance helps the child have confidence in moving, navigating space securely. A good sense of balance is also basic for the ability to sit still on a chair and concentrate. The Acrobat's wire additionally makes children negotiate and cooperate turn taking when

passing each other on the rope. These are important socio-emotional skills, fundamental for making friends.



*Data is subject to change without prior notice.*

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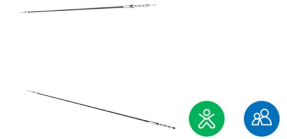
## Coconut rope

**Physical:** balance and coordination is supported when walking the swaying rope. A good sense of balance transfers to other skills such as sitting still on a chair. Bone density is developed when jumping off. **Social-Emotional:** children swaying together on the rope experience their own and others' movements. This spurs cooperation and consideration, e.g. when passing others on the rope.



## Stepping disc

**Social-Emotional:** point for a break or retraction to consider next move adds a feeling of security for the less enduring tight rope walkers.



## Balancing ropes

**Physical:** holding onto the swaying upper rope when balancing on the swaying lower rope makes excellent training of the sense of balance and trunk muscles. These abilities are fundamental for being able to sit still. **Social-Emotional:** there is room for more than one and cooperating with friends on walking over the swaying ropes is a true cooperation task that requires teamwork and tolerance.

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Balance pads are made of EPDM rubber. Material is UV stabilised.

The PP rope in coconut style has a diameter of 150 mm. The internal steel wire core has thimbles at both ends, which serve as attachments for the rope to existing connecting elements.

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.



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.

Item no. KPL804-0801	
Installation Information	
Max. fall height	47 cm
Safety surfacing area	27.2 m <sup>2</sup>
Total installation time	1.9
Excavation volume	0.70 m <sup>3</sup>
Concrete volume	0.40 m <sup>3</sup>
Footing depth (standard)	70 cm
Shipment weight	155 kg
Anchoring options	In-ground ✓
Warranty Information	
EPDM components	2 years
Hot dip galvanised steel	Lifetime
Ropes & nets	10 years
Spare parts guaranteed	10 years



# Sustainability Data

KPL804



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>KPL804-0801</b>	303.45	2.86	34.50

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 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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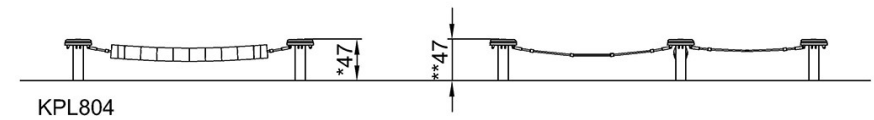
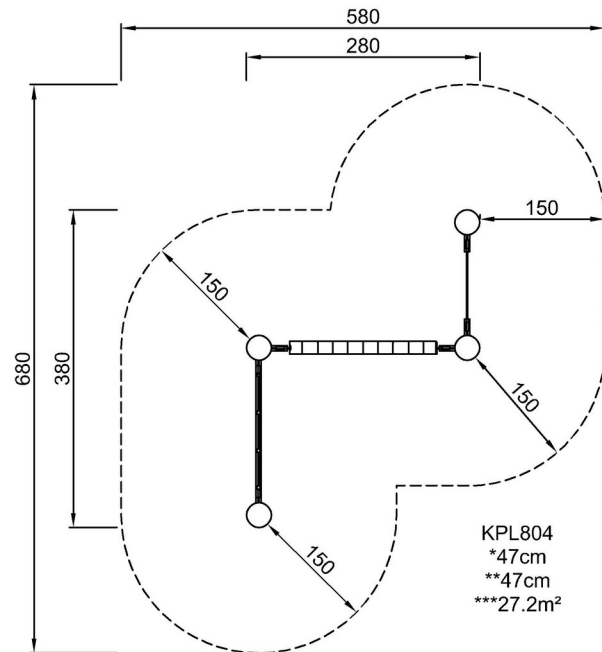


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

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



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[Click to see SIDE VIEW](#)