Robinia Zig-Zag Balance Beams

Natural timber trim trail element



Functions

- Balance
- Coordination
- Core strength
- Spatial awareness
- Shared play
- Natural play

Technical Data

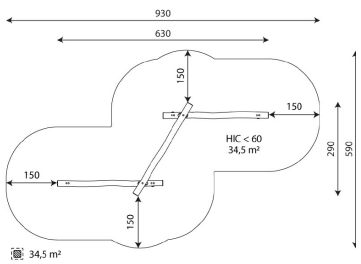
DIMENSIONS (L x W)	HEIGHT
6.30 x 2.90 m	**0.59 m**

SAFETY ZONE	FREE-FALL HEIGHT
34.5 m²	**Under 0.60 m**

Capacity: 16 users Recommended age: 3+ years

Conforms to: BS EN 1176-1:2017+A1:2023

Safety Zone Plan



- Safety zone — 34.5 m² (overall 9.30 x 5.90 m)
- Equipment — 6.30 x 2.90 m

Dimensions in cm. Plan view.

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Materials & Construction

Logs: Robinia (acacia), approx. 18 cm diameter, naturally durable and weather-resistant, with no sharp edges
Fixings: Stainless steel screws or screws covered with plastic caps
Shape: Natural round timber, so each log varies slightly; this does not affect strength or safety
Foundations: Anchored on level ground, 60–80 cm deep

With a free-fall height under 0.60 m, BS EN 1176-1 allows grass or turf, or any EN 1177 impact-absorbing surface. We'll recommend the right finish for your site.

Images are computer visualisations or representative photos; the installed product will look similar. Colours may vary from those shown.

How to Use

Balancing the beams

Step onto the low end, walk along the logs and change direction where they cross. Children can race, follow each other or hold hands across the zig-zag.

Benefits:

Balance, coordination, core strength and confidence, with plenty of room for group play.

Inspection & Maintenance

Routine visual check weekly (daily on busy or vandal-prone sites), an operational check every 1–3 months and a main inspection once a year. Replace worn or damaged parts promptly with genuine spares. Morti Sport & Play offers annual inspection and maintenance for school and public sites.

Why Choose This Product

Three natural Robinia logs set in a zig-zag at low height, making a balance trail that up to 16 children can use at once. It works on its own or as part of a longer trim trail, and its natural look suits schools, parks and forest-school settings.

- Low height — free-fall height under 0.60 m, so grass is allowed
- Naturally durable Robinia with stainless or capped fixings
- Certified to BS EN 1176-1:2017+A1:2023
- Designed, supplied and installed by Morti Sport & Play's own teams

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