Robinia Rolling Balance Beam

Rotating Robinia log beam with two overhead rope handholds, ages 2+



Functions

- Balancing on a rolling beam
- Holding the rope handholds
- Stepping on and off end posts
- Dynamic balance
- Core strength & coordination
- Controlled risk

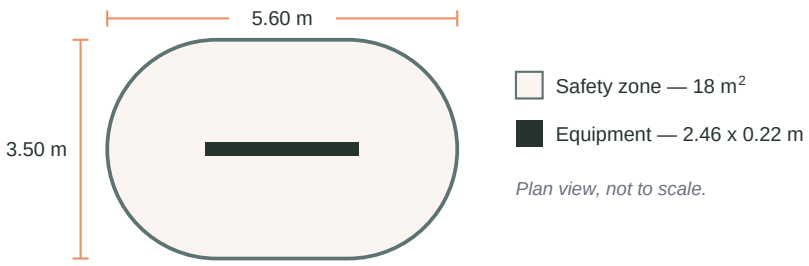
Technical Data

DIMENSIONS (L x W)	HEIGHT
2.46 x 0.22 m	**0.95 m**

SAFETY ZONE	FREE-FALL HEIGHT
5.60 x 3.50 m	**0.4 m**

Recommended age: 2+ years

Safety Zone Plan



Morti Sport & Play reserves the right to make changes to its products without notice.

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Materials & Construction

Frame: Two crossed pairs of Robinia posts, about 0.9–0.95 m high, set in concrete (25 kg per hole)
Beam: Robinia log beam that rotates under foot, about 1.95 m between the frames
Handholds: Two overhead ropes running between the frames
Step posts: Short Robinia step posts at each end, 0.27 and 0.32 m high
Weight: 105 kg in total; largest part 1.6 m long, 17.6 kg
Installation: Pre-drilled; about 3 hours for one installer

Free-fall height is 0.4 m and the supplier states no impact-absorbing surfacing is needed, so the beam can go on grass (BS EN 1176-1 allows turf up to 1.0 m).

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

How to Use

Rolling balance beam

Children step up from the end posts and walk along the Robinia beam as it rolls under their feet, holding the overhead ropes for support as needed. It works on its own or as part of a trim trail.

Benefits:

Builds dynamic balance, core strength and coordination, and lets children take a controlled risk at a low height.

Inspection & Maintenance

Routine visual check weekly (daily on busy sites), an operational check every 1–3 months and a main inspection once a year. Check that the beam turns freely without excess play, the ropes and rope fixings for wear, and the posts for splits and movement. Morti Sport & Play offers annual inspection and maintenance for school and public sites.

Why Choose This Product

A low, moving balance challenge in natural Robinia that adds variety to any trim trail and can go on grass.

- Free-fall height of 0.4 m, so it can go on grass
- Rolling beam adds a moving challenge
- Installs in about three hours
- Designed, supplied and installed by Morti Sport & Play's own teams

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