Robinia Rope Net Climbing Frame

Robinia frame with rope web, angled net, rope ladder and pull-up bar, ages 4+



Functions

- Climbing the rope web
- Climbing the angled net
- Climbing the rope ladder
- Hanging on the pull-up bar
- Grip & upper-body strength
- Coordination & confidence

Technical Data

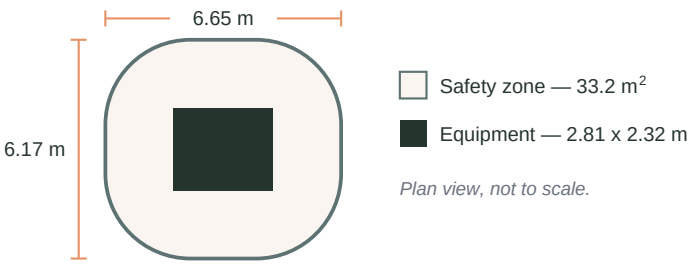
DIMENSIONS (L x W)	HEIGHT
2.81 x 2.32 m	**2.00 m**

SAFETY ZONE	FREE-FALL HEIGHT
6.65 x 6.17 m	**2.0 m**

Capacity: 11 users Recommended age: 4+ years

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

Safety Zone Plan



Plan view, not to scale.

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

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Materials & Construction

Frame: Robinia posts and logs, about Ø18 cm, no sharp edges; anchored 80 cm deep
Ropes & nets: Steel ropes in polypropylene braid with aluminium, stainless steel and plastic connectors
Chains: Calibrated stainless steel chains to prevent finger entrapment
Bar: Stainless steel pull-up bar
Fixings: Stainless steel screws
Installation: About 3.5 hours; heaviest part 65 kg

Free-fall height is 2.0 m, so the whole 33.2 sq m safety zone needs impact-absorbing surfacing to EN 1177, e.g. 300 mm of loose fill or tested synthetic surfacing.

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

How to Use

Rope web and angled net

Children climb the rope web inside the frame and the net angled down to the ground.

Benefits:

Builds grip, coordination and confidence at height.

Rope ladder

A vertical rope ladder runs from the ground up to the frame.

Benefits:

Develops climbing technique and upper-body strength.

Pull-up bar

A stainless steel bar between two posts for hanging and pull-ups.

Benefits:

Builds grip and upper-body strength.

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 the nets, rope connectors and chains for wear, the bar and fixings for tightness, and the surfacing depth. Morti Sport & Play offers annual inspection and maintenance for school and public sites.

Why Choose This Product

A compact climbing frame that packs four climbing activities into a small Robinia structure.

- Four climbing activities in one frame
- Takes up to 11 children at once
- Certified to BS EN 1176-1:2017+A1:2023
- Designed, supplied and installed by Morti Sport & Play's own teams

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