Robinia Six-Sided Climbing Frame

Raised web net, fireman's pole, climbing wall and rope ladders



Functions

- Climbing
- Net crossing
- Pole sliding
- Upper-body strength
- Coordination
- Social play

Technical Data

DIMENSIONS (L x W)

6.68 x 4.21 m

HEIGHT

3.12 m

SAFETY ZONE

9.66 x 7.97 m

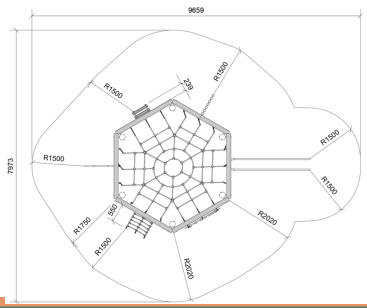
FREE-FALL HEIGHT

2.3 m

Capacity: 10 users Recommended age: 5+

Conforms to: BS EN 1176-1

Safety Zone Plan



Impact area — 51 m^2

Overall zone — 9.66 x 7.97 m

Equipment — 6.68 x 4.21 m

Plan view, dimensions in mm, not to scale.

Morti Sport & Play
+44 (0)1278 741 110
info@mortisportandplay.co.uk
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Materials & Construction

Frame: Robinia posts and log rails, posts set directly in the ground	
Climbing wall: Plywood panel with climbing holds	
Nets & ladders: Rope web net, rope net ladder and rope ladder with timber rungs	
Metalwork: Stainless steel fireman's pole and fittings	
Foundations: Posts concreted in, approx. 0.23 cubic metres of concrete in total; two-person installation	

Free-fall height is 2.3 m, so EN 1177 impact-absorbing surfacing is needed across the 51 square-metre impact area: wetpour or bonded rubber mulch tested to 2.3 m, or loose-fill at 400 mm depth. We'll recommend the right finish for your site.

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

How to Use

Rope ladders

Climb the rope net ladder or the rope ladder with timber rungs from the ground up to the frame rails.

Benefits:

Builds grip, arm and leg strength and coordinated climbing.

Climbing wall

Use the holds on the climbing panel to climb up one side of the frame, choosing hand and foot positions.

Benefits:

Develops route planning, finger strength and body awareness.

Web net

Cross the raised spider-web net inside the frame, moving between the outer rails and the centre ring.

Benefits:

Challenges balance on a moving surface and encourages cooperative play.

Fireman's pole

Reach out from the frame, grip the curved stainless steel pole and slide down to the ground.

Benefits:

Builds confidence, grip strength and controlled descent.

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. Check the rope nets, ladders and their connectors for wear at every operational check, and 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

Several climbing routes in one six-sided Robinia frame: up by ladder, net or wall, across the raised web net and down the fireman's pole, for up to 10 users at once.

- Five climbing activities in one compact frame for ages 5+
- Robinia posts set directly in the ground, with stainless steel metalwork
- Designed to BS EN 1176-1, with a 51 square-metre impact area
- Designed, supplied and installed by Morti Sport & Play's own teams

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