Robinia Parkour Course with Vault Bars

L-shaped bar frame, vault bars, leaning posts, beams and stepping domes, ages 7+



Functions

- Vaulting over U-bars
- Swinging & climbing through bars
- Climbing notched leaning posts
- Balancing on beams
- Jumping between domes
- Strength & agility

Technical Data

DIMENSIONS (L x W)	HEIGHT
approx. 4.0 x 4.0 m	**2.20 m**

SAFETY ZONE	FREE-FALL HEIGHT
12.20 x 9.90 m	**2.1 m**

Capacity: about 7 users Recommended age: 7+ years

Safety Zone Plan



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

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Materials & Construction

Bar frame: Robinia hardwood posts in an L-shaped, three-bay frame, with stainless steel tubes (Ø38 mm) at 0.9, 1.5 and 2.1 m, and 1.7 m on the end bay
Vault bars: Four U-shaped stainless steel bars (Ø38 mm)
Leaning posts: Five notched Robinia posts set at angles for climbing, plus free-standing posts
Balance beams: Five larch beams, 16 x 26 x 130 cm, on galvanised post shoes
Stepping: Five rubber half-domes, Ø35 cm
Weight: 590 kg in total; largest part 3.0 m long, 30 kg

Free-fall height is 2.1 m, so EN 1177 impact-absorbing surfacing is needed across the safety zone, for example 400 mm of bark or woodchip, or an attested synthetic surface. We quote it alongside the equipment.

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

How to Use

Parkour course

Users swing and climb through the bar frame, vault the low U-bars, climb the notched leaning posts, balance along the beams and jump between the rubber domes, linking the elements into their own routes. Three bar heights let users step up the challenge as they gain confidence.

Benefits:

Builds strength, agility, balance and coordination, and gives older pupils and teenagers a free-movement space to train and play together.

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. There are no moving parts; check the bars, brackets and fixings for wear and replace damaged parts promptly with genuine spares. Morti Sport & Play offers annual inspection and maintenance for school and public sites.

Why Choose This Product

A parkour course that combines an L-shaped Robinia bar frame with vault bars, leaning climbing posts, balance beams and stepping domes, so users can link several movement types in one space.

- Five element types for varied routes: bars, vaults, leaning posts, beams and domes
- Bar heights of 0.9, 1.5, 1.7 and 2.1 m for progressive challenge
- Stainless steel bars and natural Robinia posts for long outdoor life
- Designed, supplied and installed by Morti Sport & Play's own teams

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