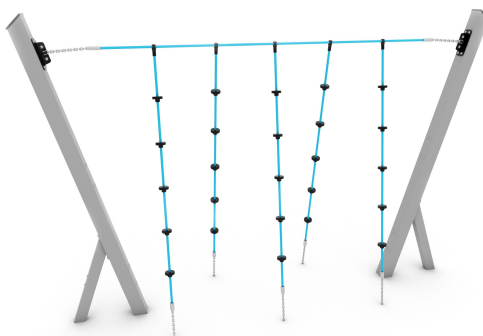


Vertical Climbing Ropes

Trim trail element on angled steel posts



Functions

- Climbing
- Pull-up and grip
- Upper-body strength
- Coordination
- Confidence
- Body control

Technical Data



DIMENSIONS (L x W)

3.36 x 0.72 m



HEIGHT

2.23 m



SAFETY ZONE

6.36 x 3.72 m



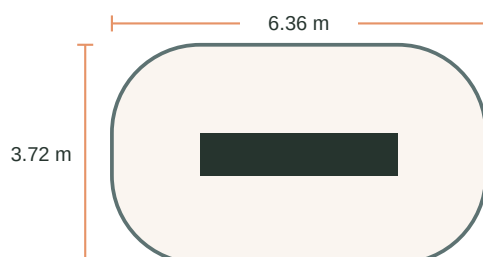
FREE-FALL HEIGHT

1.00 m

Capacity: 5 users Recommended age: 4–14 years

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

Safety Zone Plan



□ Safety zone — 21.8 m²

■ Equipment — 3.36 x 0.72 m

Plan view, simplified, not to scale.

Vertical Climbing Ropes

Materials & Construction

Frame: 100 × 100 mm steel posts, hot-dip galvanised and powder-coated (or powder-galvanised and powder-coated)

Ropes: Steel-core ropes in polypropylene braid with plastic, stainless steel or aluminium connectors

Chains: Calibrated stainless steel chains to prevent finger entrapment

Fixings: Stainless steel screws or screws under plastic caps; polypropylene end caps

Free-fall height is 1.00 m, so BS EN 1176-1 allows grass or turf as well as EN 1177 impact-absorbing surfacing. 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

Climbing the ropes

Children climb the vertical ropes using the grip points along each rope.

Benefits:

Builds grip, upper-body strength and coordination.

In a trim trail

Use it as a strength station within a longer trail.

Benefits:

Adds a pull-up challenge to the circuit.

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 rope tension, connectors and fixings, and keep loose-fill surfacing topped up. Replace worn or damaged parts promptly with genuine spares. Mortis Sport & Play offers annual inspection and maintenance for school and public sites.

Why Choose This Product

A row of vertical climbing ropes hung between angled steel posts. Up to 5 children can climb at once, with a free-fall height of just 1.0 m.

- Free-fall height of 1.0 m — grass or turf allowed under BS EN 1176-1
- Compact 3.36 m span that slots into any trim trail layout
- Certified to BS EN 1176-1; ages 4–14
- Designed, supplied and installed by Mortis Sport & Play's own teams