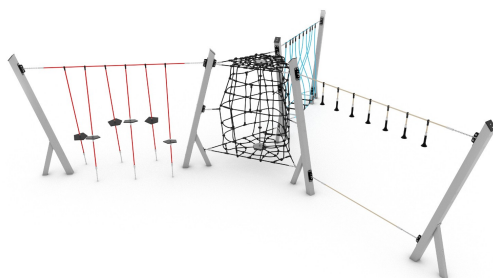


Three-Arm Rope Adventure Trail

Central net climber with hanging steps and grip traverse · 4 elements



Functions

- Climbing
- Balance
- Pull-up and grip
- Traversing
- Passage between elements
- Coordination

Technical Data



DIMENSIONS (L x W)

7.22 x 6.25 m



HEIGHT

2.23 m



SAFETY ZONE

10.30 x 9.58 m



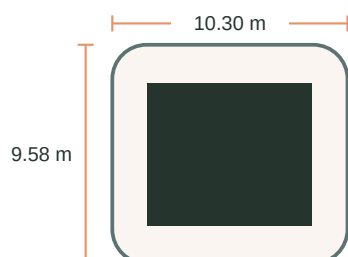
FREE-FALL HEIGHT

2.00 m

Capacity: 16 users Recommended age: 4–14 years

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

Safety Zone Plan



□ Safety zone — 51.3 m²

■ Equipment — 7.22 x 6.25 m

Plan view, simplified, not to scale.

Three-Arm Rope Adventure Trail

Materials & Construction

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

Platforms: Anti-slip, waterproof HPL and weather-resistant HDPE

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

Grips & rungs: Synthetic hand grips and rungs

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 2.00 m, so impact-absorbing surfacing is required across the impact area: EN 1177-tested synthetic surfacing rated to at least 2.00 m, or loose-fill bark, woodchip or sand at 300 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

Hanging steps

Children step across the hanging discs, holding the vertical ropes for support.

Benefits:

Builds balance and foot placement.

Net climber

At the centre, children climb in, over and through the three-sided rope net.

Benefits:

Builds grip, strength and confidence.

Grip traverse

Children walk the low rope while moving hand to hand along the hanging grips.

Benefits:

Develops grip, coordination and core control.

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. Morti Sport & Play offers annual inspection and maintenance for school and public sites.

Why Choose This Product

Three rope challenges branching from a central net climber: hanging stepping discs, the 3D net and a hanging-grip traverse. Children can start from any arm, so up to 16 can play at once.

- Three arms around one central climber — no single queue point
- Galvanised, powder-coated steel posts and steel-core rope
- Certified to BS EN 1176-1; ages 4–14
- Designed, supplied and installed by Morti Sport & Play's own teams