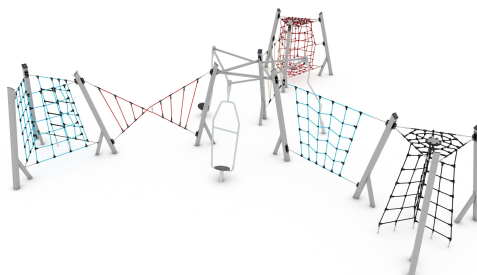


Large Rope Adventure Trail

11 climbing, balance and spinning elements for up to 49 users



Functions

- Climbing
- Balance
- Spinning
- Pull-up and grip
- Traversing
- Group play

Technical Data



DIMENSIONS (L x W)

11.09 x 9.61 m



HEIGHT

2.23 m



SAFETY ZONE

14.10 x 12.76 m



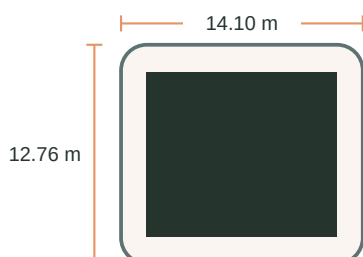
FREE-FALL HEIGHT

2.00 m

Capacity: 49 users Recommended age: 4–14 years

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

Safety Zone Plan



□ Safety zone — 97.9 m²

■ Equipment — 11.09 x 9.61 m

Plan view, simplified, not to scale.

Large Rope Adventure Trail

Materials & Construction

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

Spinning element: Stainless steel

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

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

Rungs: Synthetic

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

Net climbers

Children climb the vertical, angled and three-sided rope nets around the trail.

Benefits:

Builds grip, upper-body strength and confidence.

Traverses

Crossed rope traverses link the climbers, so children travel the whole circuit.

Benefits:

Develops balance and coordination.

Spinning seat

A stainless steel spinner adds movement between the climbing sections.

Benefits:

Builds core control and balance.

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 large rope trail linking eleven activities on one steel frame: rope nets, three-sided net climbers, crossed traverses and a spinning seat. With room for 49 users, it can serve a whole class or a busy park at once.

- Eleven activities and room for 49 users in one trail
- A ready-made destination for parks and larger school sites
- Certified to BS EN 1176-1; ages 4–14
- Designed, supplied and installed by Mortis Sport & Play's own teams