

Rope Tunnel Bridge

Crawl-through trim trail element on angled steel posts



Functions

- Crawling
- Balance
- Core strength
- Coordination
- Spatial awareness
- Confidence

Technical Data



DIMENSIONS (L x W)

3.36 x 0.60 m



HEIGHT

2.23 m



SAFETY ZONE

6.36 x 3.60 m



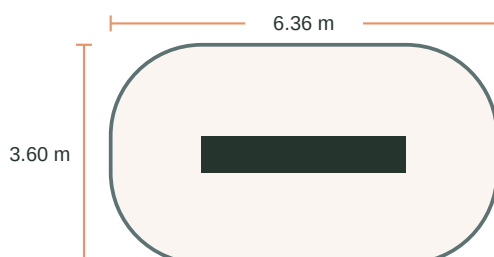
FREE-FALL HEIGHT

1.15 m

Capacity: 1 user Recommended age: 4–14 years

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

Safety Zone Plan



□ Safety zone — 21.0 m²

■ Equipment — 3.36 x 0.60 m

Plan view, simplified, not to scale.

Rope Tunnel Bridge

Materials & Construction

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

Tunnel: Steel-core ropes in polypropylene braid on stainless steel rims

Connectors: Plastic, stainless steel or aluminium

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 1.15 m, so impact-absorbing surfacing is required across the impact area: EN 1177-tested synthetic surfacing rated to at least 1.15 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

Crawling through

Children crawl through the suspended rope tunnel from one end to the other.

Benefits:

Builds core strength, balance and coordination.

In a trim trail

Use it as a crossing between other elements in a rope or timber trail.

Benefits:

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

Why Choose This Product

A suspended rope tunnel on stainless steel rims, strung between angled steel posts. Children crawl through a moving tunnel, a different kind of challenge for any trim trail.

- A crawl-through element that adds variety to rope and timber trails
- Stainless steel rims and steel-core rope on galvanised, powder-coated posts
- Certified to BS EN 1176-1; ages 4–14, one user at a time
- Designed, supplied and installed by Morti Sport & Play's own teams