Rope Tower Climber with Overhead Net

Three-post rope climbing tower with radial roof net



Functions

- Climbing
- Pull-up and hanging
- Upper-body strength
- Route planning
- Coordination
- Group play

Technical Data

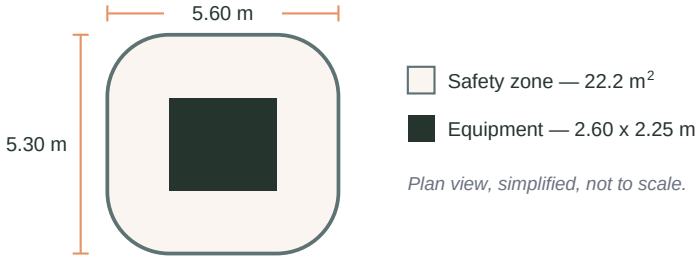
DIMENSIONS (L x W)	HEIGHT
2.60 x 2.25 m	**2.25 m**

SAFETY ZONE	FREE-FALL HEIGHT
5.60 x 5.30 m	**2.00 m**

Capacity: 8 users Recommended age: 4–14 years

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

Safety Zone Plan



Plan view, simplified, not to scale.

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Materials & Construction

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

Climbing the tower

Children climb the vertical rope net around the tower, choosing their own route up.

Benefits:

Builds grip, upper-body strength and confidence.

Overhead net

At the top, children move hand over hand across the radial net between the posts.

Benefits:

Develops pull-up strength and coordination.

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 rope climbing tower on three angled steel posts, with a radial net across the top. Children can climb from any side and up to 8 can play at once in a compact 2.60 x 2.25 m footprint.

- Open from all sides, with clear sightlines for supervision
- Galvanised, powder-coated steel posts and steel-core rope net
- Certified to BS EN 1176-1; ages 4–14
- Designed, supplied and installed by Morti Sport & Play's own teams

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