Timber Climbing Frame with Crawl Tunnel

Single-tower climbing frame · 13 activity elements



Functions

- Climbing
- Pull-up and hanging
- Balance
- Crawling
- Passage between levels
- Coordination

Technical Data

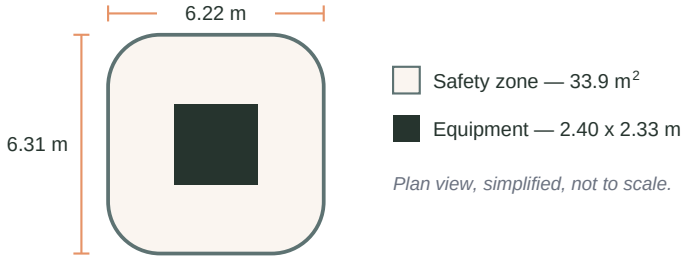
DIMENSIONS (L x W)	HEIGHT
2.40 x 2.33 m	**2.30 m**

SAFETY ZONE	FREE-FALL HEIGHT
6.22 x 6.31 m	**2.20 m**

Capacity: 23 users Recommended age: 3–14 years Platform height: 1.20 m

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

Safety Zone Plan



Plan view, simplified, not to scale.

Morti Sport & Play reserves the right to make changes to its products without notice.

Timber Climbing Frame with Crawl Tunnel

Materials & Construction

Posts: Laminated, impregnated and double-coated knot-free pine, 90 × 90 mm, capped with polypropylene plugs	
Anchors: Hot-dip galvanised steel post anchors keep the timber clear of the ground to prevent rot	
Platforms & walls: Anti-slip, waterproof plywood or HPL; HDPE climbing holds	
Crawl tunnel: Double-wall polypropylene tube	
Ropes & ladders: Steel-core ropes in polypropylene braid with plastic, stainless steel or aluminium connectors; synthetic rungs; stainless steel ladders	
Bars & chains: Stainless steel bars; calibrated stainless steel chains to prevent finger entrapment	
Fixings: Stainless steel screws or screws under plastic caps; polypropylene end caps	

Free-fall height is 2.20 m, so impact-absorbing surfacing is required across the impact area: EN 1177-tested synthetic surfacing rated to at least 2.20 m, or loose-fill bark, woodchip or sand at 400 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 routes

Children climb the rope ladders, rope net and climbing wall to reach the 1.2 m platform.

Benefits:

Builds grip, upper-body strength and route planning.

Overhead & hanging

From the platform, children swing along the overhead bars and grip rings.

Benefits:

Develops pull-up strength, core control and confidence at height.

Crawl tunnel

At ground level, younger children crawl through the tube and weave between the posts.

Benefits:

Supports gross motor skills and spatial awareness.

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 compact single-tower frame that packs thirteen activities into a 2.4 m square: rope ladders, a climbing net and wall, overhead bars, grip rings and a crawl-through tunnel. It gives mixed-age groups plenty of routes up, across and through without a large footprint.

- Thirteen activities in a 2.40 x 2.33 m footprint — ideal for school sites short on space
- Laminated pine posts on galvanised steel anchors, clear of ground contact
- Certified to BS EN 1176-1 for public playgrounds; ages 3–14
- Designed, supplied and installed by Morti Sport & Play's own teams

+44 (0)1278 741 110
info@mortisportandplay.co.uk
Morti Sport & Play reserves the right to make changes to its products without notice.