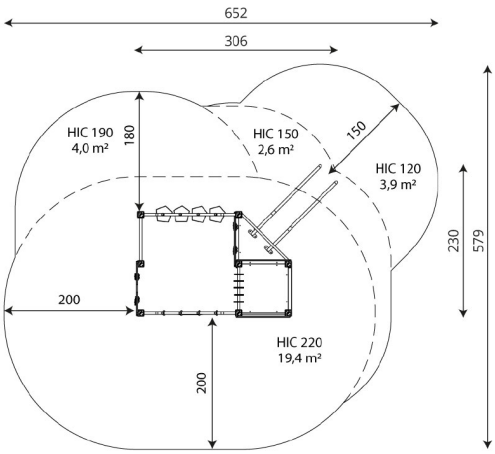
TECHNICAL DATA SHEET
REF: MSP1439VJJ

Multi-Activity Timber Climbing Frame

Timber climbing tower with tube slide, nets and climbing walls





Safety zone plan, dimensions in cm. Not to scale.

Functions

- Climbing
- Sliding
- Pulling up
- Coordination
- Fine motor play
- Confidence

Technical Data

DIMENSIONS (L x W)	HEIGHT
3.06 x 2.30 m	**2.30 m**
SAFETY ZONE	**FREE-FALL HEIGHT**
6.52 x 5.79 m (29.9 m²)	**2.20 m**

Capacity: 17 users Recommended age: 3–14 years Safety zone area: 29.9 m²

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

Play Activities

- **Climbing walls** — panels with HDPE climbing holds
- **Rope net** — net climb up to the platform
- **Climbing bars** — ladder-style steel bars on the sides
- **Spinning panels** — colourful spinners at the top
- **Tube slide** — stainless steel tube slide down
- **Platforms** — raised decks with side panels

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Multi-Activity Timber Climbing Frame

Materials & Construction

Posts: Laminated, impregnated and double-coated knot-free pine, 90 x 90 mm, with polypropylene top caps
Post anchors: Hot-dip galvanised steel feet keep the timber clear of the ground to prevent rot
Platforms & walls: Anti-slip, waterproof plywood or HPL on galvanised, powder-coated steel frames
Panels: Weather-resistant HDPE or HPL side and moving panels
Climbing holds: Weather-resistant HDPE
Tube slide: Stainless steel
Rope ladders: Steel-core rope with synthetic rungs
Chains: Calibrated stainless steel chains to prevent finger entrapment
Ropes: Steel-core rope with polypropylene braid; plastic, stainless steel or aluminium connectors
Bars & fittings: Stainless steel
Fixings: Cap-covered or stainless steel screws; polypropylene post caps
Foundations: Concrete footings 60–80 cm deep on level ground

Safety Surfacing

Free-fall height is 2.20 m, so impact-absorbing surfacing is needed across the impact area: a synthetic surface tested to EN 1177 for a critical fall height of at least 2.20 m, or 400 mm of loose-fill bark, woodchip or sand. We'll specify and quote the right surface for your site.

Images are computer visualisations; the installed product will look similar. Colours may vary from those shown. Alternative colour options are available.

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, in line with BS EN 1176-7. Check ropes, connectors and fixings for wear and keep loose-fill surfacing topped up. Morti Sport & Play offers annual inspection and maintenance.

Why Choose This Product

- Climb up several ways, slide down the tube slide
- Room for 17 users in a 3.06 x 2.30 m footprint
- Timber posts on galvanised anchors to resist rot
- Certified to BS EN 1176-1; installed by our own teams

Designed, supplied and installed by Morti Sport & Play's own teams, with a BS EN 1176 handover pack on completion. Ask us for a site visit, layout drawing and surfacing quote.

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