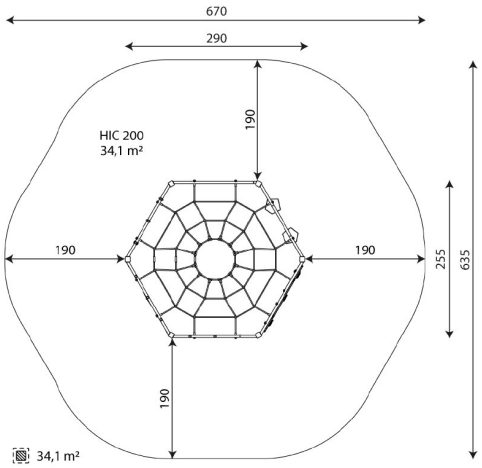
Hexagonal Steel Climbing Frame

Six-sided steel climbing frame with overhead spider net





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

Functions

- Climbing
- Pulling up
- Balance
- Coordination
- Group play
- Confidence

Technical Data

DIMENSIONS (L x W)	HEIGHT
2.90 x 2.55 m	**2.05 m**
SAFETY ZONE	**FREE-FALL HEIGHT**
6.70 x 6.35 m (34.1 m²)	**2.00 m**

Capacity: 18 users Recommended age: 3–14 years Safety zone area: 34.1 m²

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

Play Activities

- **Spider-web net** — overhead net across the top of the frame
- **Rope ladder** — ladder with synthetic rungs
- **Climbing net** — vertical net on one face
- **Climbing wall** — panels with HDPE climbing holds
- **Climbing ropes** — hanging ropes to climb
- **Pull-up bars** — steel bars around the frame

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

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Materials & Construction

Frame: Galvanised and powder-coated steel posts, 80 x 80 mm profile (stainless steel version available)
Climbing walls: Anti-slip, waterproof plywood or HPL panels
Climbing holds: Weather-resistant HDPE
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: Stainless steel or cap-covered screws; rubber or polypropylene post caps
Foundations: Concrete footings 60–80 cm deep on level ground

Safety Surfacing

Free-fall height is 2.00 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 2.00 m, or 300 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

- Activity on all six sides for 18 users
- Overhead spider-web net adds a real challenge
- Low-maintenance galvanised, powder-coated steel
- 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.

+44 (0)1278 741 110
info@mortisportandplay.co.uk
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