

TECHNICAL DATA SHEET

IN-GROUND TRAMPOLINE TZMPP 150×500

Technical Specifications

- **Frame construction:** Galvanized steel profiles and galvanized sheet steel.
- **Jumping mat:** Plastic slats threaded onto a $\varnothing 6$ mm galvanized steel cable with PVC coating. Cable ends are fitted with thimbles and connected to TÜV-certified galvanized steel springs inside the frame.
- **Protective edging:** EPDM/SBR rubber granulate safety edging.
- **Mat deflection:** 20–23 cm.
- **Recommended age:** 3–14 years.
- **Users:** Up to 4 users (1–3 recommended).
- **Minimum free fall height:** 0.9 m plus the distance from the jumping mat to its lowest deflection point.
- **Jumping mat opening:** 29.5 × 60 mm.
- **Maximum rebound:** 600 mm (69.5 kg test mass dropped from 900 mm).
- **Minimum clearance beneath the mat:** 230 mm (69.5 kg test mass dropped from 900 mm).
- **Installation depth:** Approx. 0.45 m.
- **Safety zone:** 90 × 550 cm (9.0 × 5.5 m).
- **Overall dimensions:** 500 × 150 × 40 cm. Jumping area: 450 × 100 cm.
- **Weight:** 295 kg.
- **Permissible static load:** 180 kg.
- **Certification:** Complies with EN 1176-1:2017 and TÜV requirements.
- **Maintenance:** Access for maintenance by removing the springs with a dedicated tool or lifting the upper frame.
- **Spring attachment:** TÜV-certified springs attached to galvanized hooks welded inside the frame.



MAIN DIMENSIONS & INSTALLATION

- Safety zone: 9.0 × 5.5 m.

Installation Instructions

1. Place the trampoline into the prepared ground or concrete opening.
2. Level the base before installation.
3. The excavation should be 30–40 mm larger than the trampoline on each side to facilitate installation.

