

TECHNICAL DATA SHEET

IN-GROUND TRAMPOLINE TZMPPSG-90 (370)

Technical Specifications

- **Product:** Four-element set of interconnected in-ground trampolines.
- **General design:** Four independent quarter-circle segments connected into one unit.
- **Frame construction:** Reinforced galvanized steel profiles and galvanized sheet steel.
- **Jumping mats:** Plastic slats threaded onto a $\varnothing 5/6$ mm stainless steel cable with PVC coating. Cable ends are fitted with thimbles and connected to TÜV-certified galvanized steel springs mounted inside the frame.
- **Protective edging:** EPDM/SBR rubber granulate safety edging.
- **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).
- **Recommended age:** 3 years and above.
- **Users:** 4 users (4 recommended).
- **Installation depth:** Approx. 0.45 m.
- **Safety zone:** 2 m around the trampoline. Safe zone diameter: 720 cm.
- **Overall dimensions:** 200 × 200 × 40 cm. Jumping area: 150 × 150 cm (4 × 1.75 m²).
- **Mat deflection:** 20–23 cm.
- **Spring attachment:** TÜV-certified springs attached to galvanized hooks welded to the frame.
- **Maintenance:** Access for maintenance by removing the springs with a dedicated tool or lifting the frame.
- **Weight:** 4 × 165 kg (total 660 kg).
- **Certification:** Complies with EN 1176-1:2017 and TÜV requirements.

