

TECHNICAL DATA SHEET

IN-GROUND TRAMPOLINE TZMPP-6/3

Technical Specifications

- **Product:** Square in-ground trampoline set consisting of 6 interconnected triangular trampolines (TZMPP – Large Triangle).
- **Frame construction:** Galvanized steel profiles and galvanized sheet steel.
- **Jumping mat:** Plastic slats threaded onto a $\varnothing 5/6$ mm stainless steel cable. Cable ends 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:** 3–15 years.
- **Users:** Maximum 6 users (6 recommended).
- **Overall dimensions:** 345 × 310 × 40 cm.
- **Jumping area:** 6 × 0.45 m² (total 2.7 m²).
- **Installation depth:** Approx. 0.45 m.
- **Single mat deflection:** 20–25 ±3 cm.
- **Critical fall height (HIC):** 0.9 m.
- **Safety zone:** 2 m around the trampoline (6.45 × 6.45 m).
- **Maximum load per trampoline:** Dynamic: 60 kg; Static: 80 kg.
- **Weight:** 95 kg.
- **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).
- **Spring attachment:** TÜV-certified springs attached to galvanized hooks welded inside the frame.
- **Maintenance:** Access for maintenance by removing the springs with a dedicated tool or lifting the upper frame.
- **Certification:** Complies with EN 1176-1:2017 and TÜV requirements.

