

Yato | Code YT-821597 | Sku 10821597

Tile Saw Machine 1500W (250mm × 25.4mm; 1200mm)



Overview

Table saw with guide rail and laser pointer designed for wet cutting with diamond discs of ceramic materials – tiles, glazed tiles, porcelain stoneware, and terracotta. Robust table with a large working surface and an additional table top allows cutting large-format tiles up to 1200 × 600 mm. Precise cutting without the need for scribing thanks to the laser-determined cut line and guide rail. Diamond blade and rotational speed of up to 2990 RPM ensure burr-free cutting in a straight line and at 45°. Adjustable length, depth, and angle of cut; head is also movable on the vertical axis. Maximum cutting length: 1250 mm. Maximum cutting depth: 50 mm at 90° / 37 mm at 45°. Cutting angle range: 0–45°. Blade diameter: 250 × 25.4 mm. Laser with 655 nm wavelength powered by 2 × AAA batteries. Duralumin table top. Additional table top enlarges the working surface. Cutting blade guard increases operator safety. Residual current circuit breaker included. Wet operation with attached water pump and hose. Four folding legs with lockable knobs. Large wheels and handle make the machine easy to transport.

Key Technical Specifications

Laser	Yes
Power	1500 W
Switch	Yes, with residual current circuit breaker
Weight	51 kg
Voltage	230 V AC
Frequency	50 Hz
Work type	Dry, wet
Vibrations	<2.5 m/s ²
Laser class	2
Laser power	<=1 mW
Acoustic power	98.0 ± 3.0 dB(A)
Laser wavelength	655 nm

Protection grade	IP54
Rotational speed	2990 min ¹
Acoustic pressure	85.0 ± 3.0 dB(A)
Laser power supply	2 × 1.5V AAA
Max. cutting depth	50 mm (90°) / 37 mm (45°)
Cutting angle range	0–45°
Max. cutting length	1250 mm
Working table dimensions	1000 × 460 mm
Electric insulation class	I
Cutting disc inner diameter	25.4 mm
Cutting disc outer diameter	250 mm

Key Points

- 1500W motor with rotational speed up to 2990 RPM for burr-free cutting of tiles, glazed tiles, porcelain stoneware and terracotta
- Maximum cutting length 1250 mm; supports large-format tiles up to 1200 × 600 mm with additional table top
- Maximum cutting depth: 50 mm at 90° / 37 mm at 45°; adjustable cutting angle 0–45°
- Class 2 laser (655 nm) and guide rail enable precise cutting without scribing
- Wet operation with integrated water pump and hose; IP54 protection rating
- Residual current circuit breaker (RCD) for enhanced operator safety
- Duralumin table top (1000 × 460 mm) with expandable additional table top
- Four folding, lockable legs; large wheels and handle for easy transport
- Weight: 51 kg; Electric insulation class I

Warnings

- Caution: laser radiation. Do not stare into the beam.
- Class 2 laser device.