

Product Sheet

Rasor Optima 703

Category: Cutting machines, Hand-held cutting machines

OPTIMA 703 – Revolutionary Electric Hand Saw

The OPTIMA 703 is the latest and most advanced model in the OPTIMA series – a powerful, versatile and high-tech electric hand saw that takes cutting precision to a whole new level. With over 1,000 units of the previous version sold, this updated 2019 model delivers market-leading performance in a compact format.

- Extremely powerful and fast – 150W motor and 1,500 RPM provide ultra-fast and efficient cutting.
- Versatile use – Can handle textiles, technical fabrics, composites, rubber and plastic-based materials up to 18 mm thick.
- Lightweight and ergonomic – Very low weight (1.15 kg) and balanced design for easy handling.

Product description

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Despite its light weight of only 1.15 kg, the OPTIMA 703 offers an impressive 150W motor, which, together with a bronze/steel clutch gear, generates extremely high cutting torque. At 1,500 rpm, it cuts quickly and efficiently through textiles, technical materials, composites, rubber and plastic-based materials up to 18 mm thick.

The PTFE-coated motor body reduces heat build-up and gives it a sleek and robust industrial look, while the strong steel base enables precise, straight and curved cuts. With the integrated grinding stone, the cutting blade can be sharpened in less than 10 seconds without removal, making the OPTIMA 703 a must-have machine for professional cutting applications.

Description

- Extremely powerful and fast – 150W motor and 1,500 RPM provide ultra-fast and efficient cutting.
- Versatile use – Can handle textiles, technical fabrics, composites, rubber and plastic-based materials up to 18 mm thick.
- Lightweight and ergonomic – Very low weight (1.15 kg) and balanced design for easy handling.
- Precise and safe cutting – Adjustable transparent blade guard for increased control and visibility.
- Quick sharpening – Push-button controlled sharpening stone sharpens the blade in less than 10 seconds without removal.

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Technical Specification

Machine Specifications

Blade diameter	70 mm
Leaf material	HSS steel, 4-sided blade
Blade speed	1,500 RPM
Cutting capacity	Up to 18 mm
Engine power	150W, single phase
Maximum power consumption	1.25 A, with protective fuse
Weight (with cable)	1.15 kg
Total weight (with packaging)	2.1 kg
Power cable length	1.5 m (extendable)
Vibration at start-up	< 2.5 m/s²
Operating temperature	0–55°C
Humidity	10–95% (non-condensing)
Safety features	• Start/stop protection system • Height-adjustable transparent front blade guard • Fixed transparent rear blade guard • Double electrical insulation system