



ESPRESSO GRINDER

E80T GbS



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The E80T Grind-by-Sync takes the renowned performance of the E80S time-based espresso grinder to the next level, blending high-speed performance with intelligent automation. Designed for professionals who prioritize consistency and efficiency, the E80T GbS features advanced burr control and adaptive grind time adjustment to deliver precise doses — all day, on demand.

At its core is a smart grind time correction algorithm: when grind size is adjusted, the grinder automatically recalibrates the grind time to maintain a consistent weight output. This level of dose control reduces time and coffee waste when dialing in recipes and eliminates dose variability caused by environmental changes throughout the day like humidity, temperature, or bean freshness. This precision is powered by Mahlkönig's Disc Distance Detection (DDD), now enhanced with an electric motor for seamless and repeatable burr adjustments, to the micron.

When paired with a compatible espresso machine or Sync enabled device, the Sync System enables two-way communication with the E80T Grind-by-Sync grinder. The grinder receives extraction data and adjusts itself in real time to meet the target shot parameters based on a set recipe — turning your commercial espresso setup into an intelligent, self-adjusting ecosystem. The Mahlkönig Sync app for mobile and desktop allows for easy device setup, synchronization, and centralized data monitoring across one or multiple locations, giving users full control and visibility at their fingertips.

Whether operated manually by the barista as a stand-alone grinder or fully synchronized with a compatible machine or device via The Sync System, the E80T GbS espresso grinder optimizes any high-volume workflow — delivering accuracy, repeatability, and speed with every cup.

TECHNICAL DETAILS

Voltage // frequencies // phases // nominal power	220-240 V // 50/60 Hz // 1~ // 520/600 W 110-127 V // 60 Hz // 1~ // 845 W 100 V // 50/60 Hz // 1~ // 620/780 W
Idle speed	1400 rpm (50 Hz) 1700 rpm (60 Hz)
Burr diameter	80 mm
Burr material	Special steel
Average grinding capacity*	50 Hz: 6-7 g/s @ 250 µm 60 Hz: 7-8 g/s @ 250 µm
Burr grind life (median setting):	approx. 1500 kg
Bean hopper capacity	approx. 1800 g
Dimensions (w x h x d)	24 x 63 x 34 cm
Dimensions of packing (w x h x d)	69.7 x 28.7 x 47.5 cm
Net weight	18 kg
Gross weight	19.8 kg
Certifications	CE, CB, ETL Safety, ETL Sanitation
Standards	Conforms to IEC/EN 60335-1 IEC/EN 60335-2-64 Certified to UL 763 CSA C22.2 No. 195 NSF/ANSI 8
Standard colors (Other colors on request)	Polished aluminum, matte black Polished aluminum, matte black & white

OPTIONAL ACCESSORIES

- Bean hopper approx. 250 g
- Bean hopper approx. 1200 g
- 80 mm premium cast steel burrs
- Burr replacement tool
- CB-certified aluminum adapter for Cans

KEY FEATURES

- Automatically adjusts grind time to maintain consistent dosing when the grind size changes
- High-precision and micrometric adjustment of the gap between the burrs with an electric motor
- Easiest zero calibration at the touch of a button in just a few seconds
- Grind-by-Sync cloud technology enabling intelligent synchronization between grinder and coffee machine for repeatable and consistent coffee quality
- Mahlkönig Sync mobile app for easy setup and monitoring of operational data processes remotely and locally
- Patented Disc Distance Detection (DDD) enabling accurate settings of the degree of fineness
- Time savings and quality assurance through integrated Portafilter Detection
- 80 mm diameter special steel burrs
- Active cooling system maintaining low grinding temperatures
- Adjustable illuminated spout providing a clean and centered coffee outlet
- Pleasantly quiet grinding
- High-resolution 88.3 mm display with a wide viewing angle



* Abhängig vom Mahlgut und dem gewählten Mahlgrad. | Alle Werte wurden unter Laborbedingungen gemessen.
Depends on the grinding goods and the chosen degree of fineness. | All measured values under laboratory conditions.
Andere elektrische Spezifikationen auf Anfrage erhältlich. | Irrtümer und Änderungen vorbehalten.
Other electric specifications available on request. | Subject to change without prior notice.