



ESPRESSO GRINDER

E80W Grind-by-Sync (GbS)



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The E80W Grind-by-Sync elevates the E80S Grind-by-Weight to the next level of intelligence. It is the first espresso grinder featuring the groundbreaking technology of The Sync System which seamlessly adjusts the grinder with the parameters received from the coffee machine. By combining cloud technology and smart algorithms, the technology guarantees the most consistent and repeatable quality coffee moments along all stores and shifts around the world.

The E80W Grind-by-Sync allows for direct control by the barista or, when synchronized with a coffee machine, for automatic alignment according to your target extraction time to generate the perfect shot. This means it can function as a standalone grinder or as a synced grinder.

For even more precision, Mahlkönig's well-established Disc Distance Detection (DDD) capability is enriched by an electrical motor which adjusts the gap between burrs, unlocking repeatable and precise results.

Along with the Grind-by-Sync technology, the grinder is bolstered by the intuitive Mahlkönig Sync mobile app and desktop interface. This allows you to easily setup and synchronize devices, whilst also getting valuable and in-depth data insights to monitor and manage decision-making process remotely and locally in all your stores.

Take the next step in grinding and enter the world of unmatched speed and consistency - with the E80W Grind-by-Sync.

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

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 or approx. 1200 g

KEY FEATURES

- 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 of grind-brew-synchronization and monitoring of selected grind-brew events
- Mahlkönig Sync desktop app giving valuable in-depth data insights to monitor and manage decision-making processes remotely and locally
- High-precision and micrometric adjustment of the gap between burrs with an electric motor
- Grind-by-Weight technology featuring a high-precision load cell for real-time dosing control during grinding process
- 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
- Powerful motor with active temperature control for high-speed performance
- 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.