HIGH-VOLUME ESPRESSO GRINDER · 80 MM BURRS

E80 SERIES
S · GBW · GBS

Mahlkönig's high-volume on-demand espresso grinders for the busiest bars. The E80S doses by time; the grind-by-weight versions weigh each dose as it grinds, which cuts waste and keeps shots consistent when several baristas share one grinder.



Made by Mahlkönig
Hamburg, Germany

80 mm	6–7 g/s	1.8 kg	240 mm
burrs	at 250 µm on 50 Hz supply	bean hopper, approx.	wide on the counter

Figures published by Mahlkönig for 220–240 V models. Same figures apply to all three versions.

WHAT IT DOES WELL

01
Speed for rush hour
Around 6 to 7 g a second on a UK supply means a double shot is ground in a few seconds, even at peak.

02
Grind by weight
The GbW and GbS versions have a load cell that weighs the dose in real time, so every portafilter gets the target weight.

03
Burr distance detection
Mahlkönig's patented Disc Distance Detection shows the actual burr gap, so settings can be recorded and repeated between shifts.

04
Temperature management
Active temperature control keeps the grinder stable during long, busy periods, so grind size drifts less through service.

05
Motorised adjustment
The E80W GbS adjusts burr distance with a small motor in very fine steps, and can connect to Mahlkönig's Sync app.

06
Portafilter detection
Grind-by-weight versions recognise the portafilter in place and select the matching preset, cutting button presses for baristas.

WELL SUITED TO High-volume espresso bars, busy high-street cafés, stadium and transport sites, and multi-barista coffee counters.

E80 SERIES S · GBW · GBS — SPECIFICATION

What you need to plan the space and power for this grinder. We confirm the details when we set it up.

GRINDER		
	Burrs	80 mm · E80S and E80W GbS: cast steel · E80S GbW: special steel
	Burr life (median)	E80S and E80W GbS: approx. 2,500 kg · E80S GbW: approx. 1,500 kg
	Grinding speed	6–7 g/s at 250 µm (50 Hz), all versions
	Dosing	E80S: timed · E80S GbW and E80W GbS: grind by weight
	Bean hopper	Approx. 1.8 kg
	Dimensions (W × D × H)	240 × 340 × 630 mm, all versions
	Weight	E80S: 17.6 kg · GbW and GbS: 18.0 kg (net)

ELECTRICAL		
	Power	520 W (50 Hz) / 600 W (60 Hz)
	Supply	220–240 V, 50/60 Hz, single phase · standard UK 13 A socket
	Circuit protection	16 A slow-blow fuse, earthed socket (per Mahlkönig manual)

SIZE & FOOTPRINT



Size	240 × 340 × 630 mm, all versions
Weight	E80S: 17.6 kg · GbW and GbS: 18.0 kg (net)

BEFORE IT ARRIVES

- [ ] Earthed 13 A socket within cable reach, on a 16 A circuit
- [ ] Stable, level, vibration-free counter of 240 × 340 mm (needed for weighing)
- [ ] At least 630 mm clear height, plus room above to fill the 1.8 kg hopper
- [ ] Leave space around the grinder for its cooling air

SUPPLIED, SET UP AND LOOKED AFTER BY MSS

Set-up & commissioning

We set up and commission the grinder on site, and show your team how to use and clean it properly.

Burrs, maintenance & repairs

Planned maintenance, burr replacement and responsive repairs from our own engineers, so grind quality stays where it should be.

Warranty & ongoing support

New equipment comes with a 12-month parts and labour warranty, subject to manufacturer terms. After that, we look after it for as long as you have it.

TALK TO AN ENGINEER

T 01279 452110 **E** support@modernstandardservice.com **W** modernstandardservice.com

SCAN TO VIEW THIS GRINDER ONLINE