

I have been testing one of these for Bella Barista.



The Grinder in the foreground is of course the Mazzer Mini E and is there for a size comparison. It's not huge compared to a Mini E a little wider and deeper....but only 2.7cm taller (both grinder with short hoppers included). The 65E has the special short hopper on it and it's a really neat little hopper. You can see it under my slightly lower than standard height Kitchen Cupboard. it's exactly 45.7cm tall including the short hopper.

What Makes a good grinder...the first 4 factors affect grind quality in a significant way

1. Constant speed (with a big good quality motor)
2. Not grinding too fast for size of burrs (the special Mythos coming out they have actually reduced the grind speed, presumably with a burr change, to get better grind)
3. Good Burrs
4. Good bearings with stable grinding surfaces and well aligned burrs
5. Ease of use factors (retention, adjustment cleaning etc..)

I'm going to talk about these in a bit, here are some power figures on the rating plates affixed to the grinders and the websites for the respective items>

- **Mazzer Mini E 250W (rating plate and website)**
- **Mazzer Super Jolly 350W (rating plate and website)**
- **Eureka Zenith 65E (website 500W, rating plate 290W)**

we all know that....just one look on the rating plates tells us this, **but** this Eureka grinder is described as 500W on the Website...and only 290W on the rating plate...**what's going on?**

I plugged the Eureka and the Mini E into my power meter and ran both grinders under no load. The results are interesting

- Mazzer Mini E = 128 watts (196W VA),
- Eureka Zenith 65E = 225W (294W VA).

So the Eureka Zenith 65E rating plate seems to accurately reflect the grinders VA consumption figures...but Mazzers VA is way down...pretty much 50% of the wattage stated on the rating plate and the web..

Sure I expect the start up requirements of each grinder is 250W and 500W respectively, but the "proper" figure to understand how powerful the motor is...well that's the VA wattage. The Eureka now is looking pretty good in the power stakes. Of course you can now guess at the real power of the Mazzer Super Jolly (350W on it's rating plate)...it's probably going to be nowhere near 350W is it.

So what does this mean and in what way is this important...well, it's important because the Eureka has a more powerful motor than a Mini E and a more powerful motor than the Super Jolly, if it's calculated the same way (and I have no reason to think it won't be) .

Point 1. Constant speed (with a big good quality motor)

Point 2. Not grinding too fast for size of burrs (the special Mythos coming out they have actually reduced the grind speed, presumably with a burr change, to get better grind)

Now we got big powerful motor, faster grind than a Mini E, but not too fast a grind. For a grinder with such a powerful motor, that's interesting....**because it's what you would do to increase grind quality at the expense of speed. So point 1 and 2 taken care of.**

The grind speed with a pretty fine grind is around 10 seconds for 18g, for coarser grinds, that's going to be down to around 8.5 -9 seconds. Compared to a K30 Vario or a K8 Fresh it's not going to win any speed contests, but it's plenty fast enough for the home and **around 50% faster than a Mazzer Mini E**

Point 3. Good Burrs

The burrs seem pretty good, they're pretty good on the entire Eureka range and always have been. So I have no worries there. They are 65mm burrs, the difference in size over Mazzer 64mm burrs won't be significant.

Point 4. Good bearings with stable grinding surfaces and well aligned burrs

Well I can't know for sure how good the bearings are, but it's very low vibration, feels smooth and when I checked where the touching point was, I got a very smooth creamy glide on the burrs, which means they're flat to each other and they need to be in a grinder.

Point 5. Ease of use factors (retention, adjustment cleaning etc..)

There's quite a bit of nice stuff about the grinder.

Pros

- Grind adjustment is an absolute joy to use, so easy and very precise
- Big powerful and stable motor
- Simple and Easy timer adjustment mechanism for auto mode (double and single shot)
- Manual Mode, grind for as long as button pressed with portafilter
- LED light illuminating grind area in portafilter
- Movable dosing chute to accommodate different portafilters
- Movable portafilter holder
- Most stable portafilter holder I have used (very good)
- Wonderful small hopper, best size I have seen
- Super easy to dismantle and clean
- **Small for it's power and with its short hopper only 2.7cm taller than a Mazzer Mini with the short hopper**

Cons

- No separate manual button to top off the dose, if using the single and double automatic mode
- With very fine grind and using dark roasted coffee, slight clumping (clumps disappear if touched).
- Can spill a little grinds at very fine grinds, but overall not too bad

Grind retention overall is not too bad with this grinder, probably a few grams, certainly no worse than the Mini E or Super Jolly and probably better.

Conclusions

I personally feel this is a much better grinder than the Mini E, it's 50% faster, the grind quality I **personally think is a lot better**. Adjustment is much easier as is removal of the top burr for cleaning. The central auger helps a lot more than you think for the bean feed.

It's compact, the doserless attachment and portafilter forks are much better thought out than the mini E and work in a superior way. The time dosage function is great, except for the lack of a manual "pulse button". This can actually be overcome by having the grinder in press on demand mode, or if using the timed doses, set 1 to a double and the other to 1s (which is used to add a little if necessary). Or if you alternate between doubles and singles, set one to a single and the other to 1s. Doing two presses for a double.

The LED to illuminate the portafilter and grind zone is useful if the kitchen has both dim and bright lighting, or the grinder is in a darker corner..

If comparing with a super Jolly, it's a little more compact and much smaller with it's special small hopper. Based on Mazzer's way of describing power, the motor would seem to be more powerful at 500W vs 350W of the Super Jolly. It certainly has about 85% more power than a Mini E

The price point at the time of writing is also more attractive than the Mini E and a lot cheaper than the Super Jolly Electronic on Demand grinder. For grinders in this class Mazzer has the great brand name...but at the moment I think Eureka has the great grinder and at significantly better value for money.

Would I have bought this instead of a Mini E had it been around when I bought the Mini E....without hesitation, YES!