



807 Retail

Optimized for bag grinding and a full range of grind sizes from turkish to cold brew. Featuring a spring-loaded bag clamp and a vibrating shaker plate, the 807 is a great choice for retail operations grinding bags of coffee for customers on demand. The 807 is a substantial upgrade in terms of grind quality compared to other retail bag grinders, like the Bunn G1 or the Mahlkonig GH2. Customers will notice increased balance and clarity and sweetness in their coffee when upgrading from these models.



807 Lab Sweet

Built on the same platform as the 807, but with different external hardware, plus a cast steel burr set.

Optimized for low retention, single-dose pour-over, espresso or bag grinding, and a full range of grind sizes from turkish to cold brew. The 807 Lab Sweet excludes the shaker plate or batch brew fork, and instead includes a foldable platform for receptacles or cupping bowls. The

platform can also be folded up and out of the way if the user desires to grind into a bag. The Lab Sweet includes a cast steel burr set with a unique texture and geometry. Compared to Ditting's standard special steel burrs, cast steel burrs grind finer, produce a higher proportion of fine particles and a narrower proportion of coarse particles, as well as more even and rounder particle shapes. Cast steel burrs also have about twice the lifespan of special steel burrs. The Lab Sweet is ideal as a commercial pour over or bag grinder, or the ultimate single-dose espresso/pour over grinder for the home enthusiast.



807 Filter

Built on the same platform as the 807, but with different external hardware.

Instead of a shaker plate, the 807 Filter features an adjustable fork and slide to accommodate batch brew baskets. Grinding directly into a brew basket saves a barista significant time, negating the need to first grind into a receptacle. Filter baskets of any common size are compatible with the 807 Filter's hardware (think Fetco, Curtis,

Bunn). Two opposing forks are easily adjustable to match the width and height of the brew basket being used. An adjustable slide also allows the user to direct the grounds to the middle of the brew basket, preventing mounding at the edge. The 807 filter is not limited to use with batch brewers; the open workspace allows for single dosing, and since the knocker/bag clamp is also still there, the user may grind directly into bags. Offering a full range of grind sizes from turkish to cold brew, the 807 Filter is the most versatile grinder of the 807 lineup.



KR1203

Designed for medium to high-volume retail applications.

Featuring a large 120mm burr set running at 1400 RPM, the KR1203 can grind through about 5lbs per minute at 800 microns. Ideal for roasters or cafes who require speed, or who bulk-grind 25-60lbs per day directly into bags.



KR1403

Designed for roasteries or high-volume retail applications.

Featuring a large 140mm burr set running at 1700 RPM, the KR1403 can grind through about 8 lbs per minute at 800 microns. Ideal for roasters or cafes who require high speed grinding, or who bulk-grind 60-100 lbs per day directly into bags. Any 1403 model may also be outfitted with one of three burr sets: standard, turkish or coarse, further optimizing the grinder for the users preferred grind range. Out of the box, all 1403 models are outfitted with coarse burrs.



KFA1403

Built on the platform of the KR1403 and designed for roasteries or high-volume retail applications.

Featuring a large 140mm burr set running at 1400 RPM, the 1403 can grind through about 8lbs per minute at 800 microns. Ideal for roasters or cafes who bulk grind 60-100 lbs per day directly into bags. The KFA1403 Retail features a manual paddle that clamps the bag and

simultaneously engages the motor. Unlike the KR1403, the KFA1403 Retail does not include a spring-loaded bag clamp/knocker. Instead, a mechanical paddle acts as an on/off switch and clamp all in one and does not allow the user to knock the chute of excess grounds after a cycle. This grinder also includes a hopper shutoff valve to open or close the flow of beans into the burr chamber. Any 1403 model may also be outfitted with one of three burr sets: standard, turkish or coarse, further optimizing the grinder for the users preferred grind range. Out of the box, all 1403 models are outfitted with coarse burrs.



KFA1403 Industrial

Built on the platform of the KR1403 and designed for roasteries who bulk-grind continuously.

Featuring a large 140mm burr set running at 1700 RPM, a 22lb steel hopper and an extended chute for large on-counter or off-counter bags or receptacles, the KFA1403 Industrial can grind through about 8 lbs per minute at 800 microns. Ideal for roasters who con-

tinuously bulk-grind into 5lb bags or bins. The KFA1403 Industrial features a manual paddle that clamps the bag and simultaneously engages the motor. Unlike the KR1403, the KFA1403 Industrial does not include a spring-loaded bag clamp/knocker. Instead, a mechanical paddle acts as an on/off switch and clamp all in one and does not allow the user to knock the chute of excess grounds after a cycle. This grinder also includes a hopper shutoff valve to open or close the flow of beans into the burr chamber. Any 1403 model may also be outfitted with one of three burr sets: standard, turkish or coarse, further optimizing the grinder for the users preferred grind range. Out of the box, all 1403 models are outfitted with coarse burrs.

Ditting Grinder Comparison



807 Retail

807 Lab Sweet

807 Filter

KR1203

KR1403

KFA1403

KFA1403 Industrial

Retail Coffee Grinder
30lbs per day

Single Dose and
Retail Coffee Grinder
30lbs per day

Batch Brew Grinder
30lbs per day

Retail Coffee Grinder
60lbs per day

Retail Coffee Grinder
100lbs per day

Retail Coffee Grinder
100lbs per day

Industrial Coffee
Grinder
100lbs per day

Identifying Features

Vibrator plate for settling grounds in bags. Intended for bag grinding only

Up to 30lbs per day capacity

Built-in, foldable platform for grounds receptacles or cupping bowls

Cast steel burr set for sweeter tasting coffee and finer grinds

Includes metal grounds receptacle

Up to 30lbs per day capacity

Adjustable fork accommodates most batch brew baskets

Adjustable slide below the chute directs grounds to the middle of the brew basket

Up to 30lbs per day capacity.

Vibrator plate for settling grounds in bags. Intended for bag grinding only

25-60lbs per day capacity

Most powerful 120v coffee grinder on the market

Vibrator plate for settling grounds in bags. Intended for bag grinding only

60-100lbs per day capacity

Three Phase/220v

Mechanical paddle simultaneously clamps bag and engages motor

Built-in hopper shutoff valve

60-100lbs per day capacity

Three Phase/220v

22lb steel hopper

Extended chute for large bags, or off-counter grinding into bins

Built-in hopper shutoff valve

60-100lbs per day capacity

Three Phase/220v

Online Resources

Overview Video:

<https://www.youtube.com/watch?v=kLa4yUolgs8>

Overview Video:

<https://www.youtube.com/watch?v=hZU9PdWdhK0>

Overview Video:

<https://www.youtube.com/watch?v=EGMiHpmL3wM>

Overview Video:

<https://www.youtube.com/watch?v=UsYbkCOZmvQ>

Overview Video:

<https://www.youtube.com/watch?v=N2vKyvttR-IU&t=2s>

Overview Video:

<https://www.youtube.com/watch?v=MyUcPZDm7VI>

Technical Details



807 Retail	807 Lab Sweet	807 Filter	KR1203	KR1403	KFA1403	KFA1403 Industrial
Power						
120v, 60hz, Single Phase, 6 amps	120v, 60hz, Single Phase, 6 amps	120v, 60hz, Single Phase, 6 amps	120v, 60hz, Single Phase, 13 amps	220v, 60hz, Three Phase, 10 amps	220v, 60hz, Three Phase, 10 amps	220v, 60hz, Three Phase, 10 amps
Nominal Power						
500 W	700 W	500 W	1100-1600 W	1700-2000 W	1700-2000 W	1700-2000 W
Bean hopper capacity						
1.1lbs	1.1lbs	1.1lbs	2.4lbs	2.4lbs	2.4lbs	22lbs
Revolutions per minute						
1700 rpm	1700 rpm	1700 rpm	1700 rpm	1700 rpm	1700 rpm	1700 rpm
Burr diameter						
80 mm	80 mm	80 mm	120 mm	140 mm	140 mm	140 mm
Burr material						
Steel	Premium cast steel	Steel	Steel	Steel	Steel	Steel
Grind Size Range (allow for up to 30% variation +/-)						
130µm - 1.400µm	100µm-1200µm	130µm - 1.400µm	200µm - 1100µm	100µm - 1,000µm	100µm - 1,100µm	500µm - 1,100µm
Average grinding capacity						
2lbs per minute	2lbs per minute	2lbs per minute	5lbs per minute	8lbs per minute	8lbs per minute	8lbs per minute
Duty Cycle						
45 Sec on / 180 Sec off	45 Sec on / 180 Sec off	45 Sec on / 180 Sec off	Continuous run	Continuous run	Continuous run	Continuous run
Space Required (vertical clearance w/ lid open, width, depth w/ cord and grounds tray)						
27"H, 9"W, 14"D	27"H, 10"W, 17"D	27"H, 10"W, 17"D	34"H, 12"W, 16"D	34"H, 12"W, 16"D	34"H, 12"W, 16"D	36 ¾"H, 12"W, 18"D (with extended chute)
Dimensions of packing (w x d x h, weight)						
27"H, 15"W, 11.5"D, 43lbs	27"H, 15"W, 11.5"D, 45lbs	27"H, 15"W, 11.5"D, 45lbs	16"W,13"D, 29"H, 88lbs	16"W,13"D, 29"H, 89lbs	33"H, 21"W, 15"D, 88lbs	Palletized Shipping Dimensions: 24"W, 24"L, 48"H 93lbs

807 Retail	807 Lab Sweet	807 Filter	KR1203	KR1403	KFA1403	KFA1403 Industrial
Standard colors						
Body: Black, Black & white Bean hopper: Black, smoked	Body: Black, Black & white Bean hopper: Black, smoked	Body: Black, Black & white Bean hopper: Black, smoked	Black	Black	Black	Black
Listings						
CB, UL/CSA, NSF, KTL, EAC	CB, UL/CSA, NSF, KTL, EAC	CB, UL/CSA, NSF, KTL, EAC	CE-conform, CB, UL, NSF	CE-conform, CB, UL (NSF compliant, not certified)	CE-conform, CB, UL (NSF compliant, not certified)	CE-conform, CB, UL (NSF compliant, not certified)
Burr Options						
Standard, Premium Cast Steel	Standard, Premium Cast Steel	Standard, Premium Cast Steel	Standard	Standard, Turkish, Coarse	Standard, Turkish, Coarse	Standard, Turkish, Coarse

Burr Overview

Grinder	Burr Material	Art No. HEMRO	Diameter in mm	Lifetime (Kg)
804/807 Retail	Special Steel	275307	80	2500+
804/807 Lab Sweet	Cast Iron	105780	80	4,000-6,000
1203	Special Steel	275605	120	10,000-15,000
1403 Standard	Special Steel	275700	140	10,000-15,000
1403 Turkish	Special Steel	275701	140	10,000-15,000
1403 Coarse/High Power	Special Steel	275702	140	10,000-15,000
1403 Industrial	Special Steel	275700	140	10,000-15,000
1800	Special Steel	275800	180	40,000 (coarse)
1800 Turkish	Special Steel	275809	180	10,000 (Turkish only)
1800 Coarse/High Power	Special Steel	275806	180	40,000+ (coarse)