



diamen

coffee roaster



COFFEE ROASTER

Intelligence Touch Screen ~ Coffee Roasting Machine

Suitable for the scene :

Sample bean baking

Fine coffee bean roasting

Self-service roasting coffee shop

Homemade bean coffee shop and bean baking

Ideal for DIY baking exploration

Cupping

Coffee training

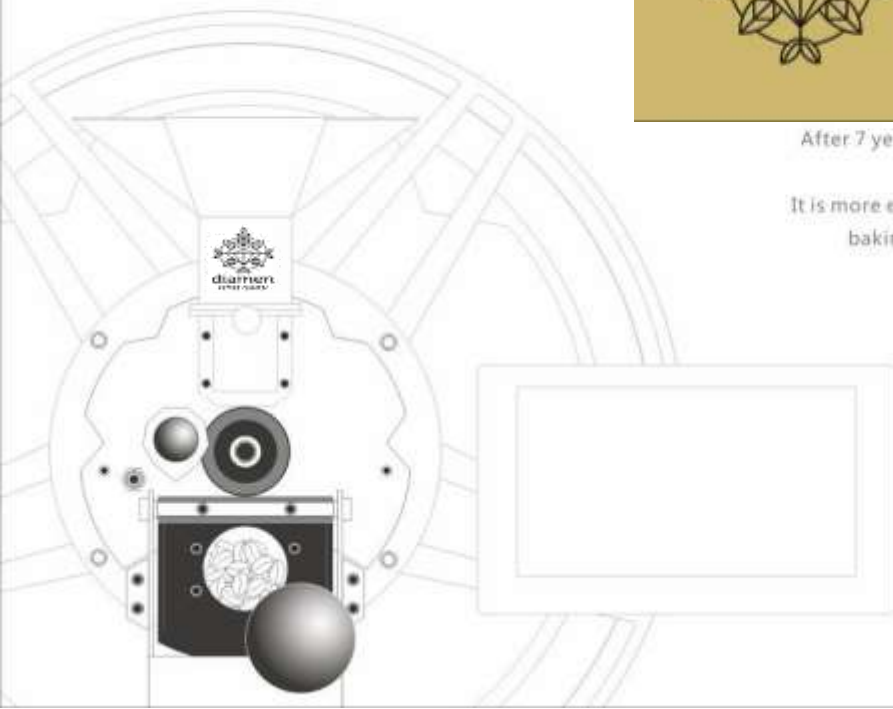




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UV Series Coffee Bean Roaster

After 7 years of independent research and development,
it has many original innovative technologies.
It is more energy efficient, more efficient and has a better
baking effect than traditional coffee bean roasters.
It has obtained a number of national patents.



I am very busy at work .Do I need to spend a lot of time studying?

What if the baker is leaving?

Is the smoke big?

Can the baking machine achieve professional-grade results?

Is it power?

Does the machine takes up the place?

All not a problem !

Is it easy to operate?

Is it safe to use?

Is the after-sales service guaranteed?

Is the baking machine durable?

YES!

Can any all kinds of coffee beans be baked?

Is it easy to clean silver skin ?

Is it easy to install?



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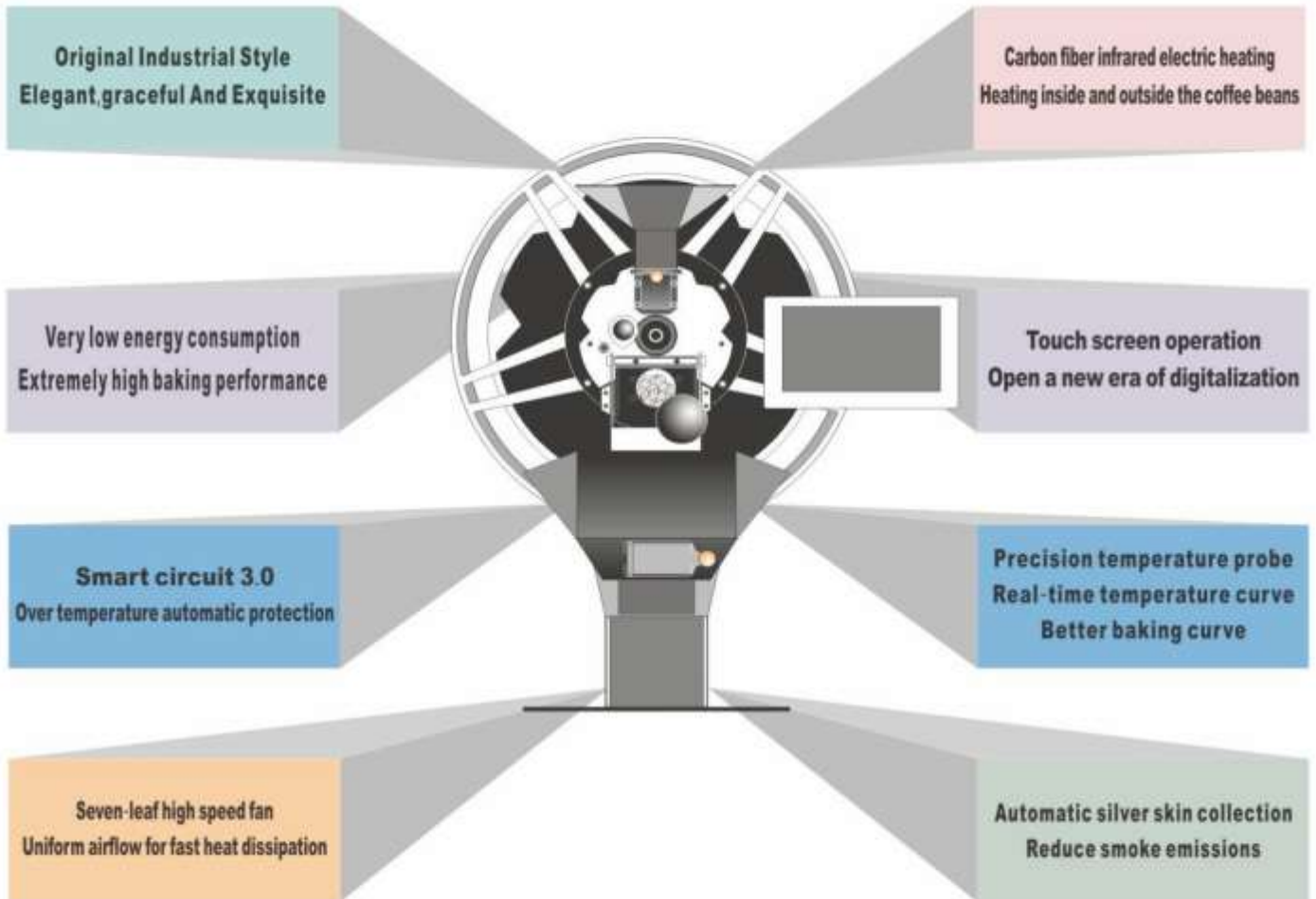


Focus on R&D and production

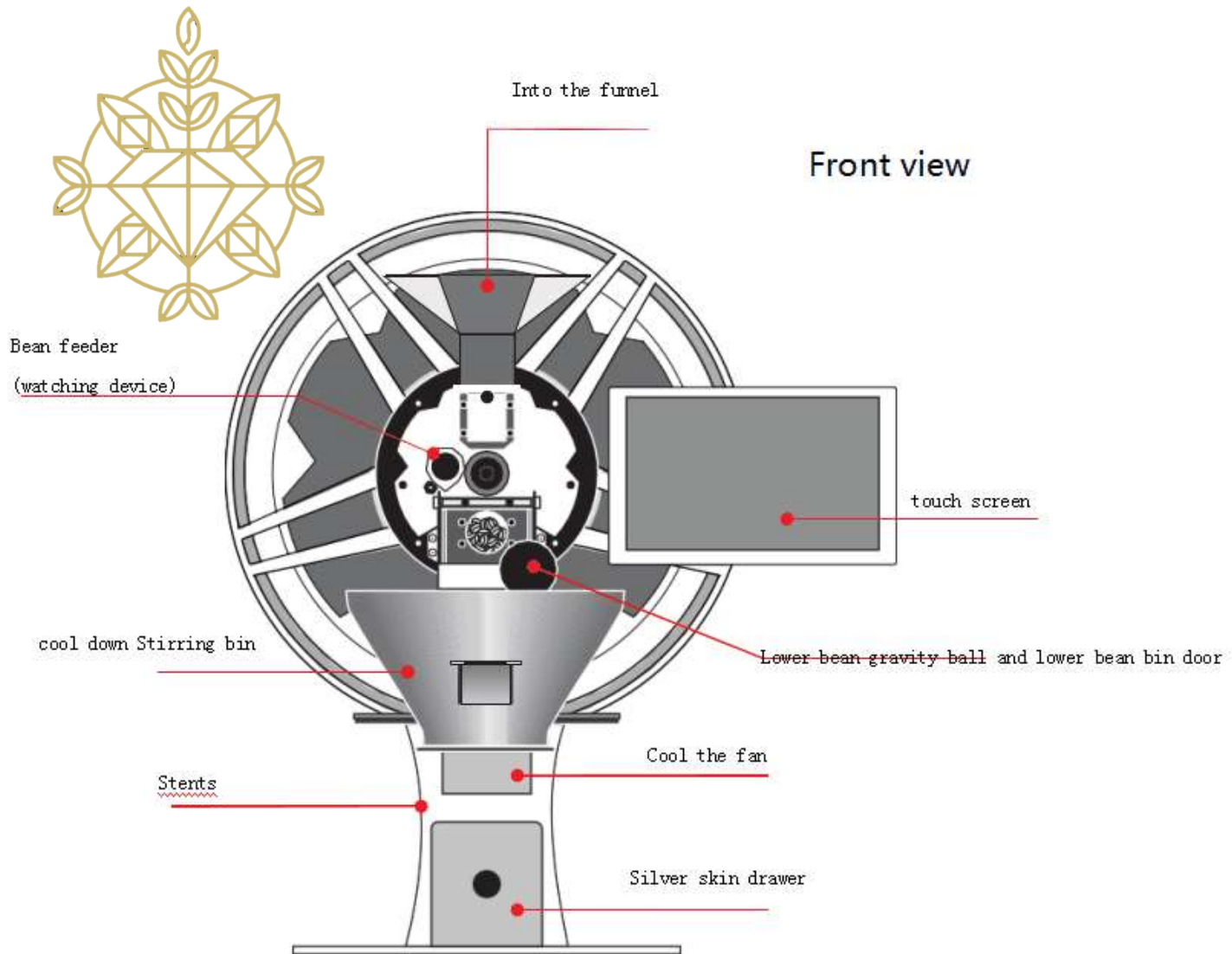
Commercial grade roasting machine

8 advantages of DIAMEN

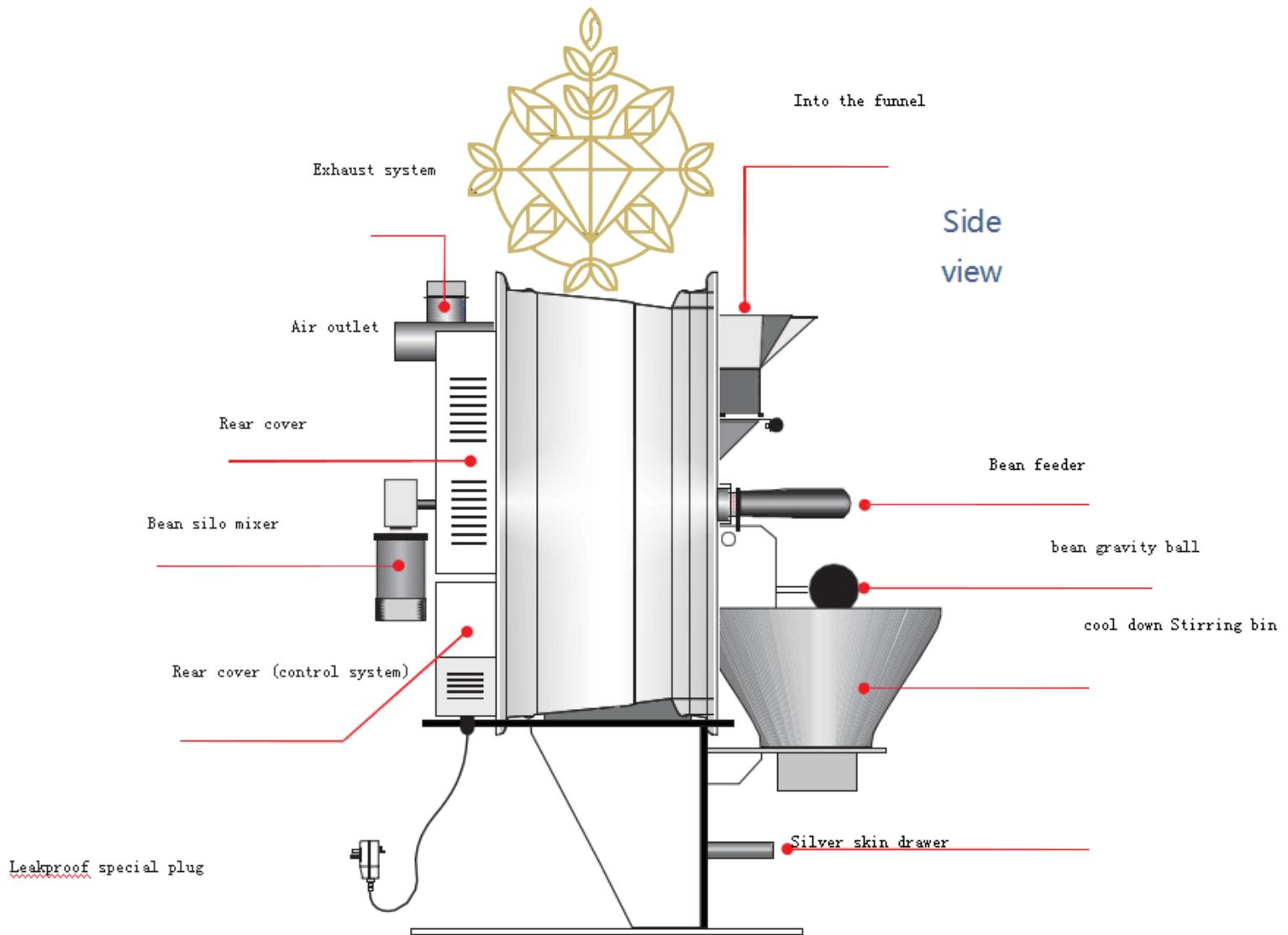
Every advancement in technology is designed to optimize your experience



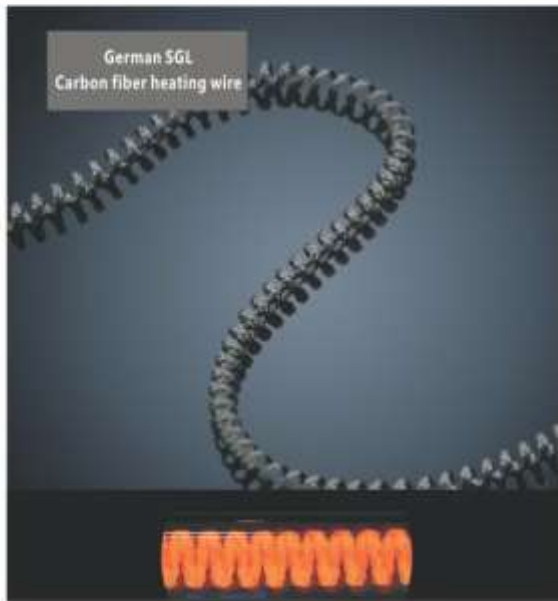
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The first domestic carbon fiber infrared electric heating to be was successfully used in coffee bean roasting machine.

1

- * Carbon fiber is the most competitive high-tech material of the century.
 - * Carbon fiber infrared electric heating tube has set off a new revolution in the field of electric heating.
- Performance characteristics:
- * High thermal efficiency: carbon fiber in the electrothermal conversion process, the conversion efficiency of more than 95%! Under the same power, you use 1000w ordinary electric heating tube, only need 700w carbon fiber electric heating tube.
 - * The energy emission method is mainly based on far infrared.
The infrared energy that can heat the material is emitted in a high-density, high-energy manner. This infrared wavelength is 2.3--14 μm , and the infrared spectrum of this wavelength is called "light of life".
 - * Infrared energy, with strong permeability, direct absorption of carbohydrates, water, etc.
At the same time, it can be absorbed by water molecules in the air to produce a resonant frictional heat effect, which rapidly increases the ambient temperature.
 - * The processed food is irradiated with a carbon fiber infrared electric heating tube, and the conditioning time is short, and the food texture can maintain the original taste.
 - * Coffee beans are carbohydrates, carbon fiber infrared, can penetrate coffee beans 3-7mm, and heat the coffee beans inside and outside, so that the coffee beans are evenly heated, fully satisfying various baking methods. Therefore, the carbon fiber infrared electric heating tube is an excellent heat source for roasting coffee beans.



Full touch screen operation control

2

The first to achieve full touch screen control, no other traditional industrial buttons. Visual interface, temperature curve, and positive operation of human-computer interaction, convenient and fast.

3

Powerful software and integrated circuits

Independently developed powerful software and third-generation integrated circuit control board, continuous upgrade service,



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Double security protection

4

National 3C certification, anti-leakage safety plug.
Precise control of temperature protection program with 230°C safe upper limit temperature to ensure safe baking.



5

Aviation grade advanced insulation material

Maximum protection of the internal temperature of the boiler, to prevent external high temperature, safe baking.



6

Automatic silver skin collection system

Without the traditional silver skin collector, the original coffee silver skin collection structure allows the coffee silver skin to be collected quickly. It not only reduces the amount of smoke emitted during baking, but also gives the coffee beans a clear and clean taste.



Patent protection
please do not infringe

Automatic collection of complete silver skin



Patent protection
please do not infringe

There is no silver skin in the pipe,
and there is no such pipe blockage



Traditional roaster pipe

Original horizontal sampler

7

Horizontal sampling is extremely convenient.



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8

Stainless steel 304 boiler to ensure food safety.

All parts that come into contact with coffee beans are made of food grade stainless steel



Precision temperature sensor

Precision temperature sensor

9

**Patent protection
please do not infringe**



10

1200° quartz glass observation lens



11

**Industrial high-volume low-energy cooling fan
Cooled in 3 minutes, retaining the perfect flavor.**

German high quality laser cutting machine
precision cutting.

12



Unique appearance industrial design



With high-quality aluminum alloy wheels,
you can customize special exterior colors
and wheel styles.

CNC machining center precision machining,
more than 10 kinds of processing technology,
to create durable quality.

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Capacity description

UV500D

Roasting capacity/time	100g-300g, up to 500g (small beans).
Roasting capacity/hour	1200g-2000g.
Degree of baking	light, medium, Italian blending, etc., can be baked at will.
Baking time	Baking is completed in 7-15 minutes.
Suitable for beans	Surface with wet coffee beans, all kinds of dry coffee beans.

Technical sheet

Product number	UV500D
Heating mode heating	Electric heating; the carbon fiber infrared heating tube inlet.
★★★ Power boiler	110V-220V, The heating power is 1400W and the total power is 1600W.
furnace	Self-developed stainless steel 304 boiler.
Baking time	Baking is completed in 7-15 minutes.
Damper	Two-speed electronic damper
cool down	Independent cooling system, rapid cooling in 3 minutes.
★★★ Silver skin collection	Original automatic silver skin collection system. No traditional silver collector is required.
operation	7-inch high-definition touch screen operation.
Product size and weight	500*500*600 (length, width and height) Weight: 35KG
Security	Double safety protection: anti-leakage safety plug + built-in upper temperature limit to stop heating protection
	Heating 110V-220V, all other components are 12V.

Capacity description

UV800D

Roasting capacity/time	200g-600g, up to 800g (small beans).
Roasting capacity/hour	2400g-3200g.
Degree of baking	light, medium, Italian blending, etc., can be baked at will.
Baking time	Baking is completed in 8-15 minutes.
Suitable for beans	Surface with wet coffee beans, all kinds of dry coffee beans.

Technical sheet

Product number	UV800D
Heating mode heating	Electric heating: the carbon fiber infrared heating tube inlet.
★★★★ Power boiler	110V-220V, The heating power is 1400-2100W and the top power is 2300W.
Furnace	Self-developed stainless steel 304 boiler.
Baking time	Baking is completed in 8-15 minutes.
Damper	Two-speed electronic damper
Cool down	Independent cooling system, rapid cooling in 3 minutes.
★★★★ Silver skin collection	Original automatic silver skin collection system. No traditional silver collector is required.
operation	10-inch touch screen operation.
Product size and weight	600*600*750 (length, width and height) Weight: 40KG
Security	Double safety protection: anti-leakage safety plug + built-in upper temperature limit to stop heating protection
	Heating 110V-220V, all other components are 12V.

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Sales Agent:
PT.ULIN Mitra Perkasa
081211119681

