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Loyalsuns

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·Learn more·

Loyalsuns

The world's leading innovation engine for accessible coffee experiences

It is more **professional**
it **stands out**



Loyalsuns

Make delicious coffee accessible to every corner of the world

Loyalsuns specializes in commercial coffee equipment and solutions for unmanned scenarios, with certifications for multiple countries including CB, CE, KC, UL, CQC, SASO, SAA, EAC, etc.

Our products come standard with a unique SMB intelligent extraction system, core components such as brewing module, ice making module, fresh milk module and carbonation module, all of which are self-developed and produced.

Loyalsuns is constantly exploring technological innovation, aiming to promote the cross generational development of convenient coffee experience with professional and innovative technology break through, and work together with partners to make delicious coffee accessible in every corner of the world.



*Some cooperative brands



Loyalsuns -Coffee Vending

IT IS MORE PROFESSIONAL
IT STANDS OUT



As our partner,
We believe that you have profound and unique insights into the industry.

The same is true of Loyalsuns commercial coffee vending machines.
Every design detail is infused with unique innovative concepts and cutting-edge technologies leading the industry, providing you with a resonant and enjoyable user experience.



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Loyalsuns
self-developed brewer

- 53mm Large-Diameter Commercial Extraction Chamber
- SMB Intelligent Extraction System
- Compatible with 12-26g/grinding amount per cup
- Constant temperature system
- Quick disassembly and assembly without tools
- Fully waterproof design
- 50,000 Cups Maintenance-Free Service Life

Ø 53mm Large-Diameter Commercial Extraction Chamber

The 53mm extraction caliber can ensure the optimal balance between the thickness and surface area of coffee powder, and the extraction is more even, so as to achieve the taste closest to that of boutique coffee.



Loyalsuns
Coffee powder cake

The larger the diameter of the extraction chamber, the finer the grinding degree can be matched. At the same time, the coffee powder cake can also be thinner, thus improving the extraction rate, making the coffee taste more delicate and smooth, and the flavor level more harmonious and rich.

In comparison, when extracting the same weight of coffee powder with a small caliber extraction chamber, the powder will be thicker. In order to ensure that the extraction pressure is within the appropriate range, it is necessary to grind more coarsely, which will lead to insufficient coffee extraction. At the same time, the thicker powder cake is easy to lead to a certain difference in the extraction pressure and pre-soaking time between the upper layer and the lower layer, thus further losing the taste performance, leading to sour taste and unbalanced flavor levels.

High pressure, long soaking time
Over extraction in the upper layer



Low pressure, short soaking time
Insufficient extraction in the lower layer


Small caliber extraction chamber coffee powder cake

So, a new problem has arisen!

No matter which caliber of brewer is used.....

Do you know how much coffee bean is required to make espresso, iced americano, latte and other coffees? How coarse and fine is the appropriate grinding method? How much pressure does coffee powder with different grinding degrees need? What is the flow rate? What is the pre soaking time?

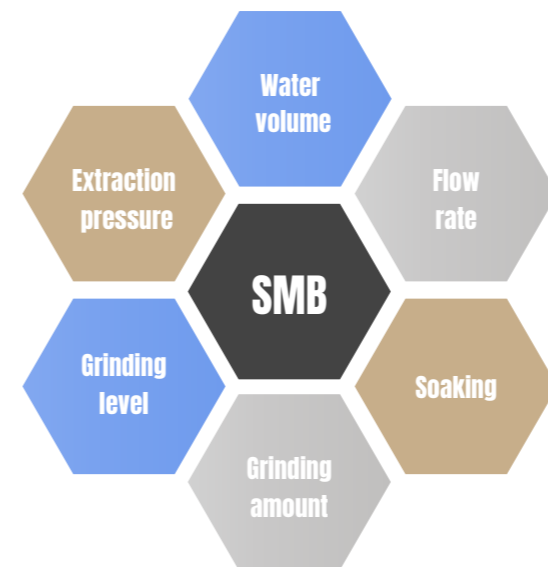


 Say 'HI' to self-service coffee stores



 Say 'NO' to traditional hand made coffee shops

Are you considering supplementing your knowledge of coffee brewing? Or do you already have plans to hire a barista with a high salary? It's unnecessary! Choose Loyalsuns commercial coffee vending machine, our unique SMB intelligent extraction system can easily solve your problem.



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SMB Intelligent Extraction System

Loyalsuns has professional coffee product development and after-sales service team. According to your needs, we provide free formula sharing services.

The SMB system will automatically retrieve relevant parameters and create corresponding coffee drinks.

Its operational logic is similar to transforming the accumulated experience of a senior barista into a systematic and visualized data chain, in order to produce high-quality flavored coffee comparable to that of handmade coffee shop.





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-Compatible with 12-26g/grinding amount per cup

Thanks to the compatibility of the 53mm large capacity extraction chamber and the powerful assistance of the SMB intelligent extraction system, the Loyalsuns commercial coffee vending machine supports a flexible selection of grinding amount within the range of 12-26g in one cup, maximum grinding amount of 28g per cup supported.

For operators, this feature makes it easier to select cup types, flexibly control costs, or to operate unmanned boutique coffee shops.

For consumers, they can DIY drinks on the purchase interface. This feature supports up to 5 levels for grinding amount, milk and sugar level, meeting customers' needs, enriching the user experience, and increasing the possibility of repurchase.



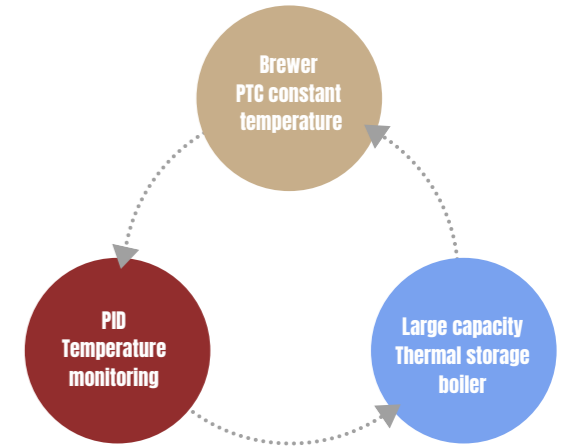
-Constant temperature system

Imagine.....

After jogging in the morning, enjoy a cup of coffee from a unmanned coffee shop on the roadside.....

Or catching a flight in the early morning and ordering a cup of coffee in the waiting hall to refresh oneself.....

No one wants to tolerate a coffee with bad quality in terms of temperature and taste.



Loyalsuns
brewer constant temperature system

Loyalsuns' independently developed brewer features a thoughtful 'little trick' - a constant temperature system.

This design solves the problem of water temperature lose during the cold start of the brewer in traditional self-service coffee machines after not working for a period of time, resulting in numerical deviation of the extraction temperature.

In other words, Loyalsuns commercial coffee vending machine ensures that its extraction efficiency can reach the ideal state at any time of the day, even in the winter midnight.

In short, the constant temperature system gives the machine a 'warm-hearted'.



·Quick disassembly and assembly without tools



·Fully waterproof design

Multi functional ≠ difficult to maintain ≠ high probability of failure

The extractor independently developed by Loyalsuns will give people a counterintuitive understanding, actually such complex components do not require professional personnel for daily cleaning.

In fact, anyone can complete the cleaning work of the extractor with a few minutes of simple training.

Disassembly - as easy as opening a car door, just lift fixing tenon of the brewer and easily pull it out.

Installation - just press hard to reset the extractor.

Disassembly and assembly do not require any tools, same for cleaning.

The Loyalsuns extractor adopts a fully waterproof design and does not have a cleaning brush? No problem, you can directly rinse it under the faucet.



·50,000 Cups Maintenance-Free Service Life

Loyalsuns' self-developed brewer is very robust and there is more than that.



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High intensity testing

The self-developed brewer has carried out very rigorous anti-aging test in the research and development stage, that is, let the brewer work continuously to test its ultimate performance.



Excellent performance

All brewers tested set an average of 50000 cups without any malfunctions.



Low maintenance frequency

Even in places very crowded such as stations, where over 200 cups are sold in a single day, the maintenance frequency of the brewer is only twice a year.



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Fresh milk has a short shelf life and high cost, and its not commonly used in the self-service coffee machine industry. The most popular raw material is mainly milk powder.

Of course, on the other hand, fresh milk can produce latte or other trendy coffee with a delicate and nutritious taste. In addition, fresh milk can provide a denser foam, which visually attracts consumers .

Fresh milk - one of the labels for high-end commercial coffee vending machines

Loyalsuns Fresh Milk System

-  · 0-4 °C preservation
-  · Self developed milk foam module, cold/hot foam
-  · Quality monitoring
-  · Fully automatic pipeline cleaning solution



The flagship MB1 series of Loyalsuns comes standard with fresh milk system, and the hardware configuration includes a large capacity refrigerator and a milk foam module.



92L large capacity refrigerator, two 10L milk container, 0-4°C refrigerated storage, can greatly extend the shelf life of fresh milk with strong endurance.

Usully, full day selling is supported in crowded scenario, even with a surge in sales, untrained personnel can replenish the machine within few minutes.



Fresh Milk MB1 Flagship Series

The milk foam module is independently developed by Loyalsuns and produces delicate, dense, and stable hot and cold milk foam.

From the consumer's perspective, the foam evenly covers the surface of the coffee without any noticeable graininess, allowing it to last for a long time without dissipating and maintaining a fluffy texture.


Milk foam with the above performance naturally has excellent taste.



The reason why Loyalsuns commercial coffee vending machines are unique is not only their excellent hardware technology, in terms of software development for corresponding functions, they are also leading the industry.

The biggest risk in operating fresh milk coffee such as latte is the issue of 'food safety'. Even with the assistance of a refrigerator, it is still far from enough.



 Quality monitoring

 Fully automatic pipeline cleaning solution

The Loyalsuns fresh milk MB1 flagship series support shelf life settings of fresh milk in the management backend, avoiding consumers from purchasing expired coffee drinks. It also has a fully automatic hygiene cleaning solution, which takes very little time and customers hardly have to wait for their drinks.



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-Loyalsuns self-developed ice making module



- Environmentally friendly refrigerant
- Efficient ice making
- Precise output
- Solid and clear
- Slow melting



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Industry insiders judge the quality of an ice maker by observing the speed at which the ice melts, and the slower the melting speed, the better.

Loyalsuns ice making module is exactly like this, the ice produced is solid and clear.

In most cases, after consumers finish a whole cup of coffee, the number and volume of ice cubes at the bottom of the cup do not change significantly.



Loyalsuns
self-developed ice making module



From the perspective of the operator, the primary consideration is still the speed of ice making.

We can feel this more directly through data.

Loyalsuns ice making module can produce up to 120kg of ice per day with sufficient water supply.

Assuming that a 16 ounce ice drink is sold every 3 minutes, consuming 220g of ice cubes per cup. Since the consumption rate is equivalent to the production rate, it supports continuous sales 24 hours a day without worrying about sold out issues.



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-Good customer experience-

The Loyalsuns commercial coffee vending machine features a combination of tempered glass and a giant display screen. The overall design is fashionable and luxurious, suitable for any scenario, attracting consumers' attention at the first time.

The model comes standard with a visual bean compartment/production area and aroma diffuser, which can interact with consumers from both visual and scent perspectives. This is a clever design that traditional self-service coffee machines do not have. In addition, with a taste comparable to semi-automatic coffee machines and the advantage of more than 200 product options, it is enough to capture the hearts of consumers.

In summary, the Loyalsuns commercial coffee vending machine provides consumers with an unprecedented experience, increasing revenue and attract customers.



-Stable operation

Loyalsuns is not only professional, but also attentive. Our company established a quality inspection department, and each product undergoes strict functional testing before leaving the factory. From a single breakpoint on the screen to systematic testing to ensure the normal operation of every function. Under default factory settings, Loyalsuns commercial coffee vending machines can achieve long-term stable operation.



Special statement:
Our company is equipped with a professional after-sales service team for software and hardware. If you need to change cup types, adjust product formulas, add new products, install water purification equipment, etc. Please contact our after-sales team in a timely manner to obtain relevant professional guidance to avoid unnecessary operation and maintenance failures.