Start Your Intelligent & Instant Coffee Life

JL500 Series

Bean to cup coffee vending machine

Enjoy Your Bean
Go Time

Jetinno Chief Expert Counselor
JORIS HENDRIKS

Owner of 5 invention patents
Founder of Hendriks Coffee
High-end coffee machine designer
7 years in Spengler as product manager and corporate partner
15 years in Maas International as product designer and R&D manager

CONTENTS

Jetinno
Hot Sale Product

Machine Software Update

We will always keep the machine's software timely updated, so that it will work smoothly and stable.

High Quality Components

The machine manufactured with high quality components, more reliable working and can effectively reduce malfunction possibility.

Fresh Beverages Extraction

JL500 makes freshly extracted beverages, including fresh coffee and fresh fruit juice and tea. Fresh extraction gives drinks the fresh and delicious flavors.
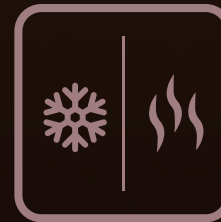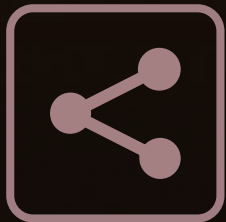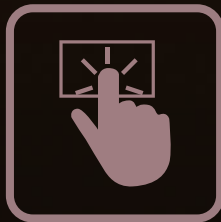
Fresh Coffee

ES Extraction

Tea drink

20+ drinks

Hot & Cold Drinks

Auto Milk Foam Frothing

Self Service

Touch Screen

Multiple Payments

Remote Access

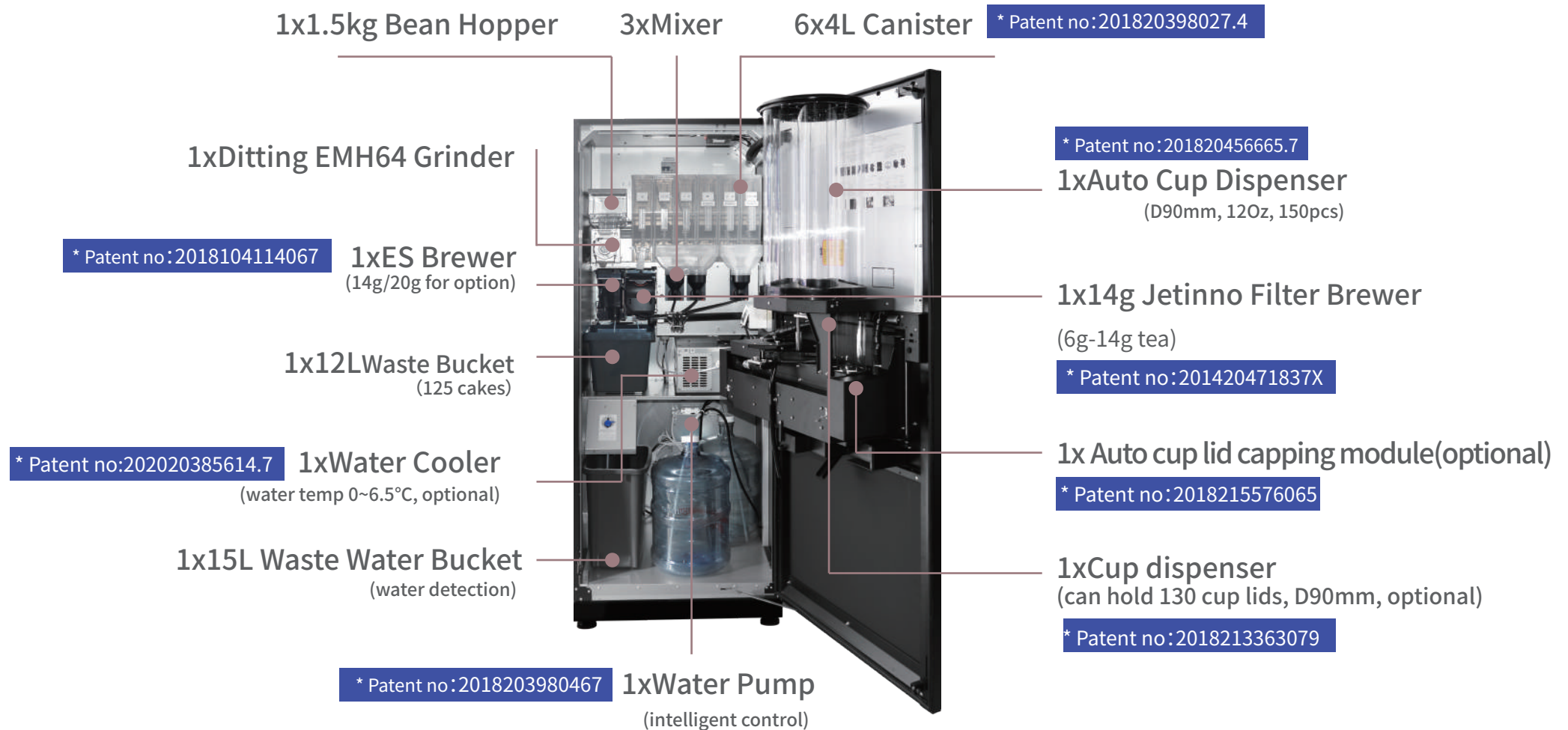Vending & Laborsaving

Automatic cleaning

High Quality Manufacturing With Craftsmanship

27" Inch Touch Screen

Alert Light

Manual Delivery Door

Card Reading Area
(access to the console)

Storage Cabinet
(3*18.9L barrelled water)

High Quality Manufacturing With Craftsmanship

1x1.5kg Bean Hopper

3xMixer

6x4L Canister

* Patent no：201820398027.4

1xDitting EMH64 Grinder

* Patent no：201820456665.7

1xAuto Cup Dispenser
(D90mm, 12Oz, 150pcs)

* Patent no：2018104114067

1xES Brewer
(14g/20g for option)

1x14g Jetinno Filter Brewer
(6g-14g tea)

* Patent no：201420471837X

1x12LWaste Bucket
(125 cakes)

* Patent no：202020385614.7

1xWater Cooler
(water temp 0~6.5℃, optional)

1x Auto cup lid capping module(optional)

* Patent no：2018215576065

1x15L Waste Water Bucket
(water detection)

1xCup dispenser
(can hold 130 cup lids, D90mm, optional)

* Patent no：2018213363079

* Patent no：2018203980467

1xWater Pump
(intelligent control)

Make 20+ Hot & Cold Beverages

JL500 can produce more than 20 drinks, including hot and cold types of coffee, fruit juice and tea.

27-inch Touch Screen

Comes with a 27 inch touch screen, can also display ads for drinks promo. User friendly interface, easy to order drinks.

Remote Real-time Machine Monitoring

Can monitor the machine's status in real time via PC and a smart mobile, remote checking of drinks sales data and stock status. Also with machine malfunction alert push, convenient and laborsaving.

Auto Machine Cleaning

Comes with automatic machine cleaning function, cleaning time is programmable, ensure the machine's hygiene, easy machine maintenance and laborsaving.

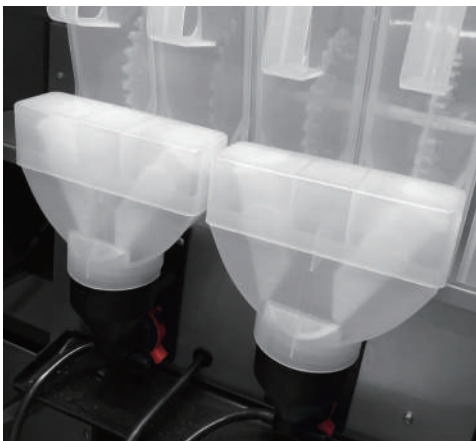# Start Your Vendo Business With The Excellent JL500

Alert Light

Alert light will be on when drink production finished.

Manual Delivery Door

When drink production finished, the delivery door will unlock, safer to take away drinks.

Canister Nozzle Cover

Comes with a nozzle cover to keep the hygiene of powder storage.

Manual Water Discharge Switch

Designed with a manual water discharge switch, to completely discharge the water residue in the boiler.
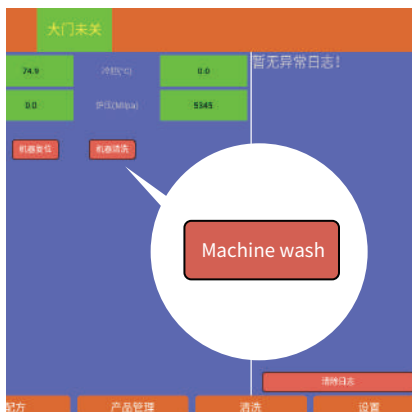
Easy Use & Maintenance

Real-time Alert

When malfunctions happen, the console will push a notice.

Detachable Design

Machine's key components apply detachable design, convenient to detach and clean for deep cleaning, easy maintenance.

Auto Machine Self Cleaning

Designed with automatic cleaning function, the cleaning time is programmable, easy maintenance.

High Volume Waste bucket/Waste Water Bucket

Comes with high volume waste bucket and waste water bucket, has auto water full alert function.

Jetinno SaaS Management

Support PC and mobile

Remote Control

Support remote control of recipes adjustment, machine setting, UI ads and video upload, machine system upgrade.

Malfunction Alert

Real time machine malfunction alert, can push notice to machine operator.

Comprehensive Data

Location deployment data, drink sale data, payment data, all these data statistics help operator better in machine operation and coffee vending business.

Powerful Machine Console Platform

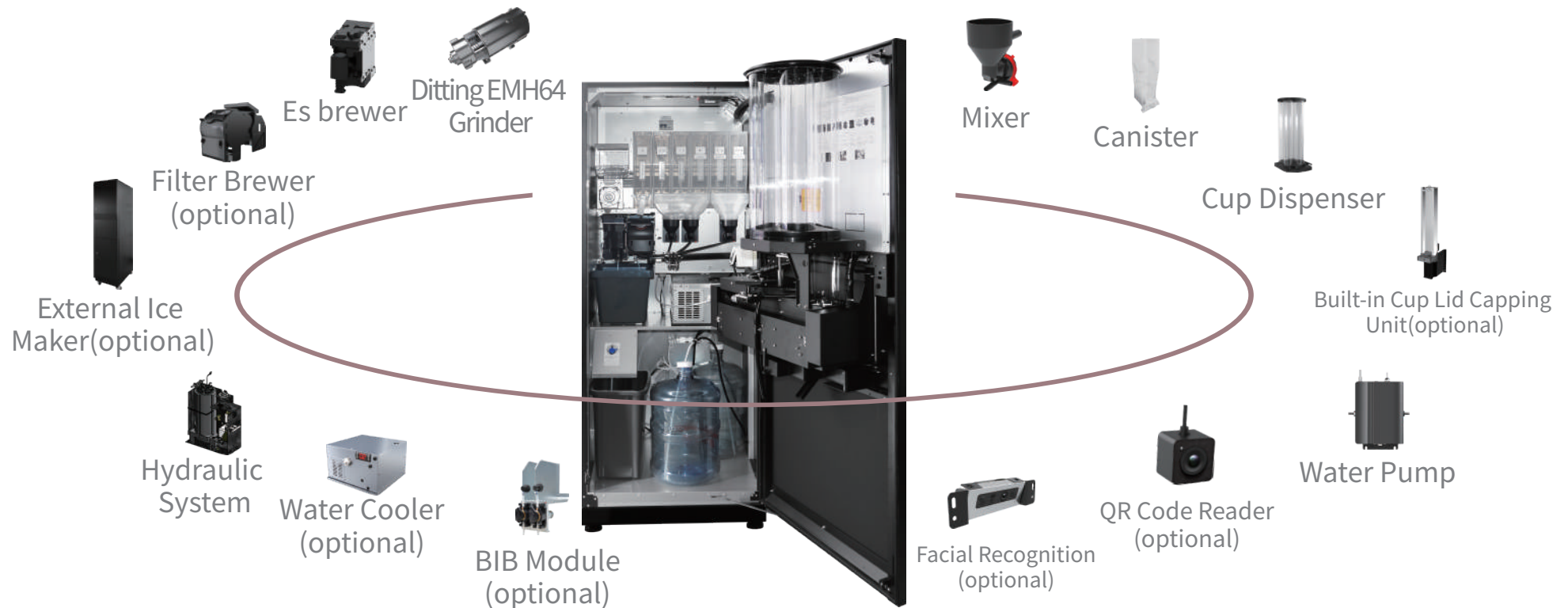- Drink Promo Tag Setting
- Drink Sale Report
- Ads Management
- Stock Management
- Drink Data Bank

Modular Design

The modular design concept has been applied to coffee machine's R&D at the very beginning. Modular design brings more convenient machine maintenance, easier for deployment.

Es brewer

Ditting EMH64 Grinder

Mixer

Canister

Filter Brewer (optional)

Cup Dispenser

External Ice Maker(optional)

Built-in Cup Lid Capping Unit(optional)

Hydraulic System

Water Cooler (optional)

BIB Module (optional)

Facial Recognition (optional)

QR Code Reader (optional)

Water Pump

Jetinno Patented Hydraulic System

- 2700W heating power, continuous and stable water temperature guaranteed.
- Sweden Backerths 700ml stainless high-pressure boiler, max 25bar tolerance.
- USA EMERSON professional STB temperature control protective switch.
- Japan OMRON temperature/pressure sensor, real-time monitoring.
- Italy ULKA high -pressure electromagnetic pump, provides 9Bar extraction pressure.
- Other valve joints spare parts, flow meter are all Italy and German made.

Ditting EMH64 Grinder

• 64mm flat bur, made of stainless steel.

• Low grinding heat, no interference to coffee flavor.

• Multiple adjusting grades of grinding fineness.

• 125,000 times lifespan, long service life.

PTC
Heater

14g

20g
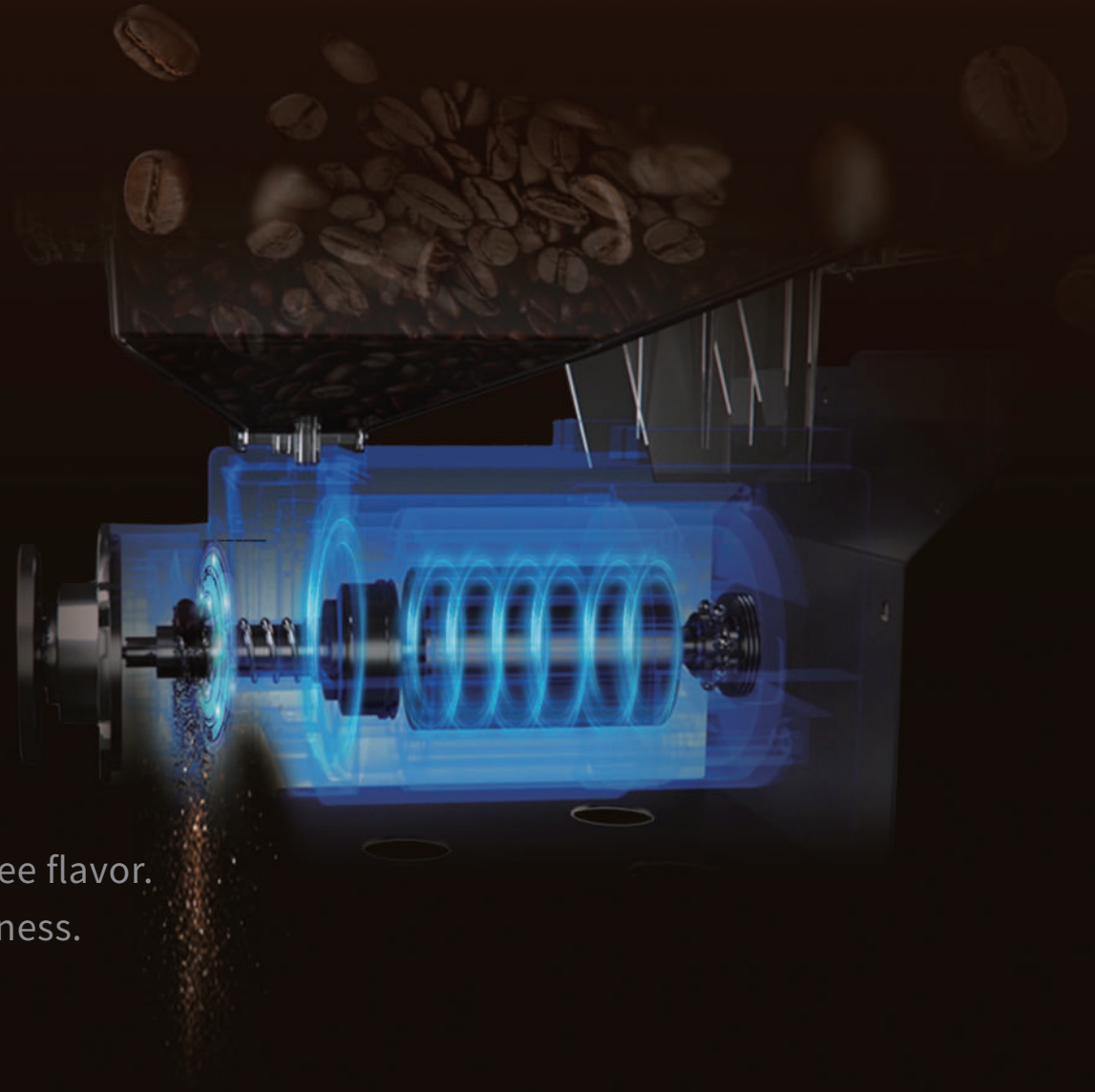
Professional coffee brewing system

- Removable brewer module design, easy for cleaning.
- 9bar 92°C Espresso extraction, compatible with
  low-pressure brewing.
- Jetinno PTC international patent, European time-honored
  brand applies the same type.
- Pre-infusion function to have saturated extraction.
- PTC heaters in brewing chambers, provide constant heating
  to solve low-temp of first cup.
- Built with 14g and 20g two brewing chambers, for different recipes.
- Detachable brewing chamber design, easy for deep-cleaning.
- Auto decompression function to discharge residual coffee liquid.
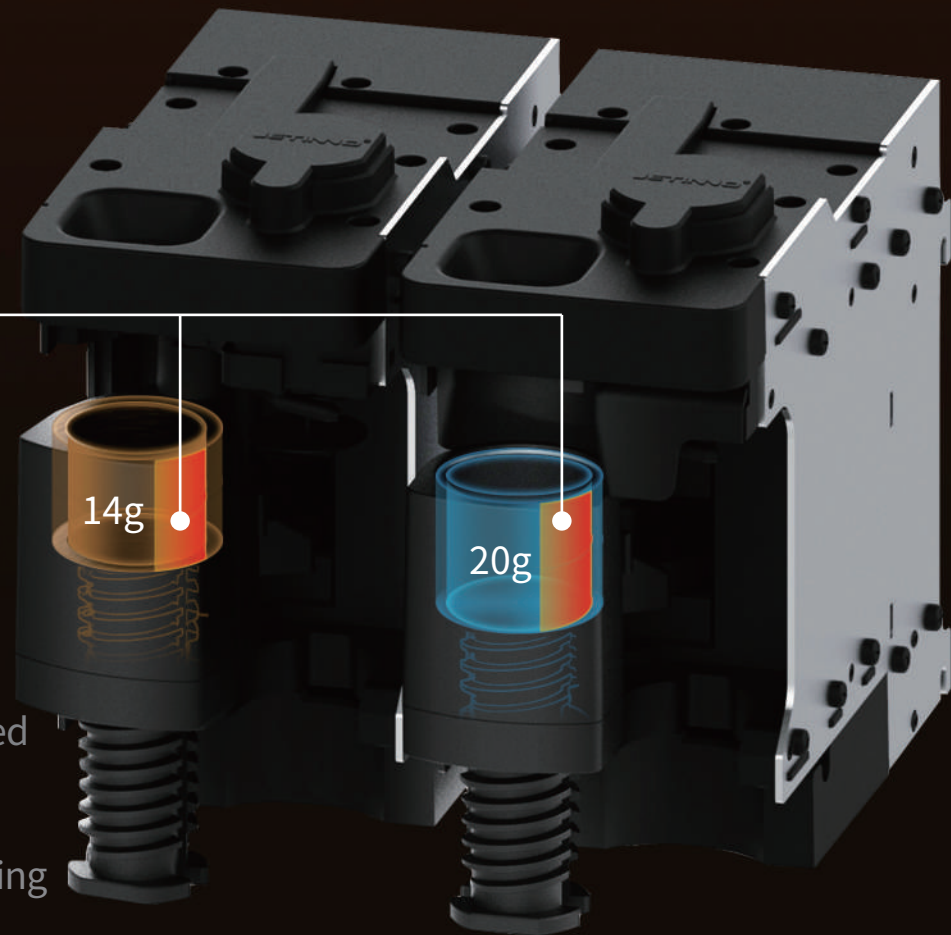
Filter Brewer(for coffee & tea)

• Jetinno patent.
• Spraying and pre-infusion, better extraction.
• Adjustable brewing time, water temperature and water dose.
• Detachable components design, convenience of cleaning.
• Direct coffee powder dropping, no secondary pollution.
• Maximum 14g coffee or tea powder loading.
• Can be used both as coffee and tea brewer.

High speed stirring system

- Patented tech innovated by Jetinno.
- Detachable stirring chamber, easy for cleaning and maintenance.
- Up to 20000rpm stirring speed, rapid sufficient dissolution.
- Adjustable stirring speed for different recipes.(milk foam requires high speed, instant coffee and tea drinks require low speed).
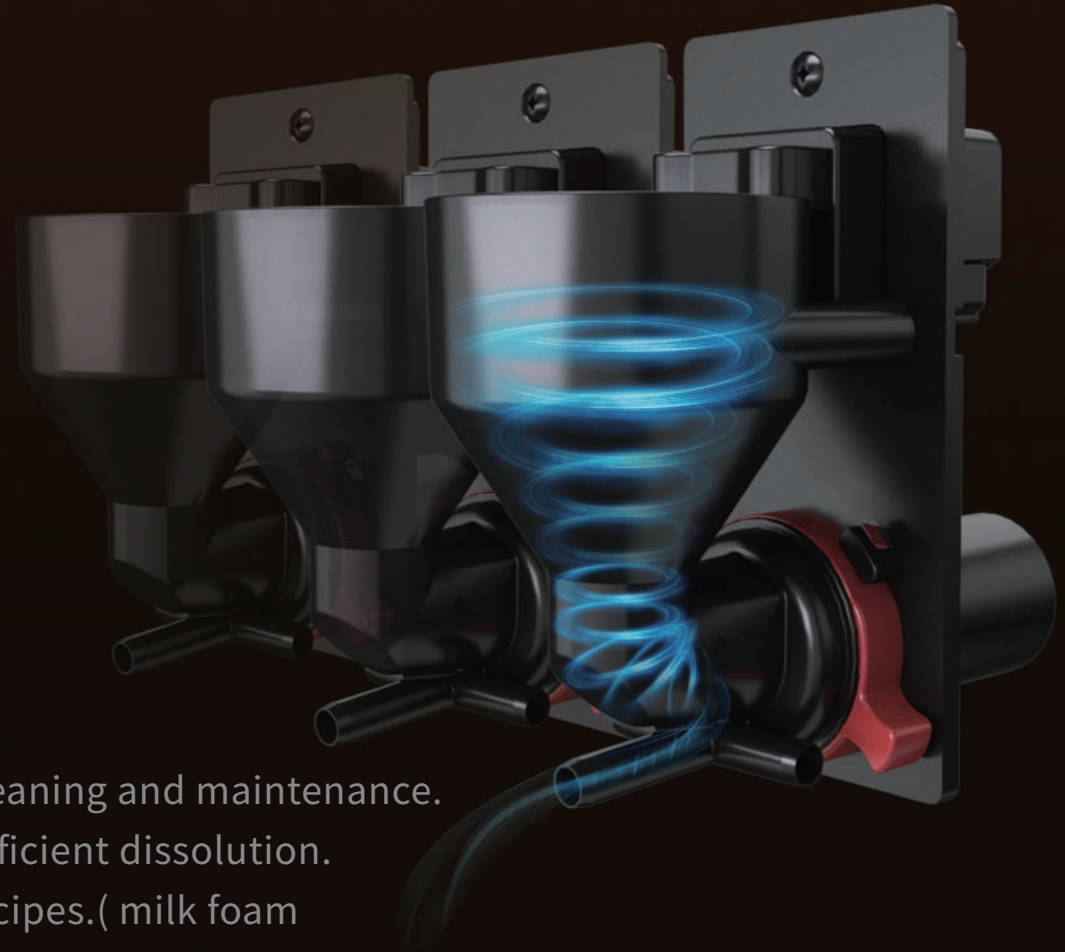
Canister

- Jetinno patent.
- Detachable design, convenience of cleaning.
- Powder screw design, precise control of powder.
- Food grade plastic, HSF security certified.

Automatic Cup Dispenser

- Jetinno patent
- Auto cup & cup empty detecting, monitoring of cup quantity and status.
- 5 cup columns design, automatic column switch.
- Suitable for multiple cup size, D70/73/80/90mm (paper cup).

Two-headed Pump

- Jetinno patent
- Real-time monitoring of water, water scarcity alert.
- Noise reduction design, working noise less than 60dB.
- Auto switch of water pumping from barrelled water.

Multi-function main board

- Designed and developed by Jetinno.
- 8 core Cortex A7 CPU, 2GHz.
- Multiple network ports for network connection.
- Multiple displaying format ports and dual screen displaying.
- Up to 10-way ports expansion.
- Android & Linux.

IO board

- Designed and developed by Jetinno.
- Quick response.
- Fast protection for malfunctioned unit.
- Precisely control all module units.
- Multiple ports expansion, can independently support 25-way control unit.
- Support various types of sensors, including temperature, humidity, flow and pressure.
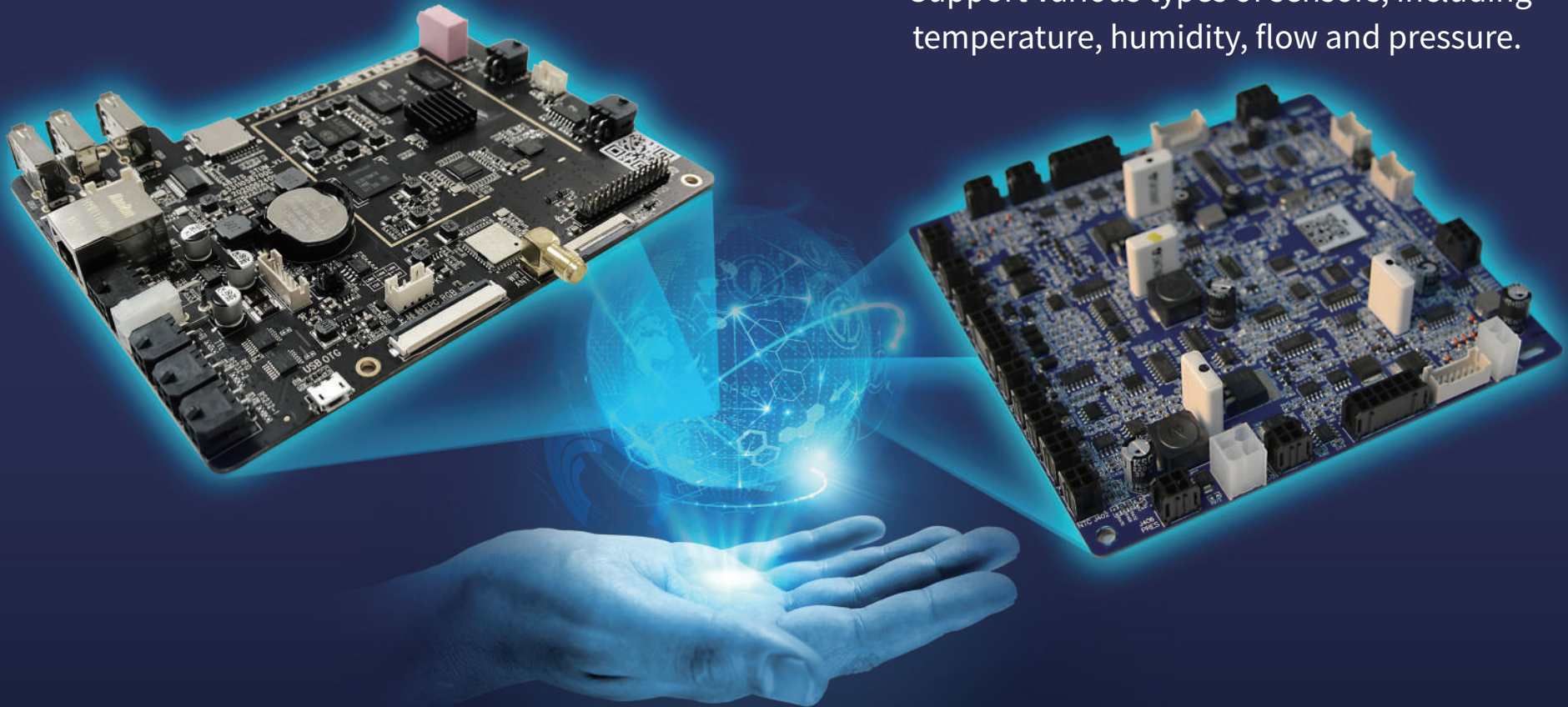
Switzerland Ditting Grinder

Italy Fluid-o-tech Pump

Sweden Backerhts boiler
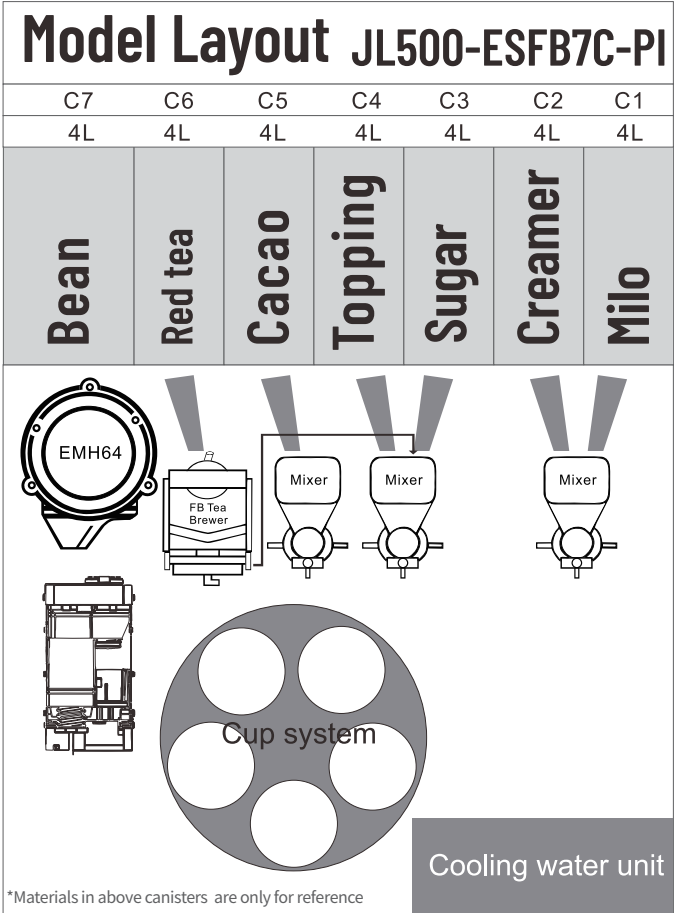
German AVS Römer joints

Italy ODE valve bank

USA EMERSON switch

Configurations	JL500-ESFB7C-PI	JL500-ES7C-PI	JL500-2FB8C-PI	JL500-IN8C-PI
Bean hopper	1	1	x	x
Instant container	6	6	8	8
Ditting EMH64 Grinder	1	1	x	x
ES Brewer	1	1	x	x
Brewer(Tea)	1	x	2	x
Mixer	3	4	3	5
Boiler	1	1	1	1
Gear pump	1	1	x	x
Piston pump	x	x	1	1
Waste bin capacity	1	1	1	1
Waste water bucket	1	1	1	1
Drip tray full detector	√	√	√	√
Auto Cup Dispenser	√	√	√	√
Manual cup delivery door	√	√	√	√
Water supply	Default: direct water Option: barreled water			
Internet Connection	Default: WIFI; Option: 4G			
Payment	Option: WeChat/Alipay; Nayax, or other MDB protocols			
OS	Android, Linux(Optional)			
BIB	Optional			
Chiller	Optional			
External Ice Maker	Optional			
Auto cup lid capping module	Optional			
SaaS platform	Optional			
Top light box	Optional			
Color customization	Optional			

Model Layout JL500-ESFB7C-PI

C7	C6	C5	C4	C3	C2	C1
4L	4L	4L	4L	4L	4L	4L
Bean	Red tea	Cacao	Topping	Sugar	Creamer	Milo

EMH64

FB Tea Brewer

Mixer Mixer Mixer

Cup system

Cooling water unit

*Materials in above canisters are only for reference

Daily Output: 250 Cups/Daily

*110V (Optional)

Configurations	Parameter specification
Operation interface	27"touch screen
Bean hopper	1x1.5kg
Instant canister	6 x 4.0L
Espresso Brewer	1x14g, 20g(Option)
Tea brewer	1x14g
Water boiler	1 x 700mL,2700W(220V)
Waste bin capacity	1x125 Cakes
Waste Water Bucket	1x15L, Drip tray full detector
Auto Cup Dispenser	D80mm cups, CustomD70/84/90mm
Drop-cup system	5 cup columns, 180 Cup (D80mm/10 Oz)
Cup cover dispenser	130
Power	220-240V 50/60Hz
Rated power	2700W (230V)
Dimension (W*H*D)	664*1830*720mm
Net weight	150kg

Main drinks：Espresso, American coffee (cold / hot), cappuccino, latte, mocha, milk, cocoa
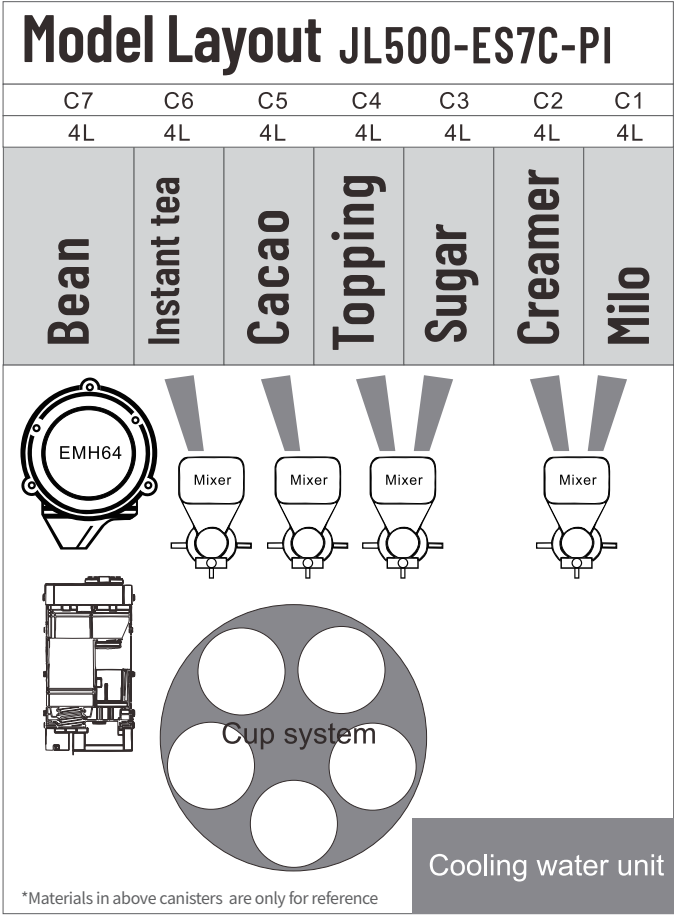
Fruit juice (cold / hot), milk tea, black tea

Drinks Outpt(based on protocol DIN18873-2 hourly output)

Espresso：124	cappuccino：105
American coffee :100	Café Crème :80

*110V (Optional)

Model Layout JL500-ES7C-PI

C7	C6	C5	C4	C3	C2	C1
4L	4L	4L	4L	4L	4L	4L

Bean | Instant tea | Cacao | Topping | Sugar | Creamer | Milo

EMH64

Mixer | Mixer | Mixer | Mixer

Cup system

Cooling water unit

*Materials in above canisters are only for reference

Configurations	Parameter specification
Operation interface	27"touch screen, 27"screen+10.1" touch screen
Bean hopper	1x1.5kg
Instant canister	6 x 4.0L
Espresso Brewer	1x14g, 20g(Option)
Chiller	Optional, water output speed 17ml/s
Boiler	1 x 700mL,2700W(220V)
Waste bin capacity	1x125 Cakes
Waste Water Bucket	1x15L, Drip tray full detector
Auto Cup Dispenser	D80mm cups, Custom D70/84/90mm
Drop-cup system	5 cup columns, 180 Cup (D80mm/10 Oz)
Cup cover dispenser	130
Power	220-240V 50/60Hz
Rated power	2700W (230V)
Dimension (W*H*D)	664*1830*720mm
Net weight	150kg

Main drinks：Espresso, American coffee (cold / hot), cappuccino, latte, mocha, milk, cocoa
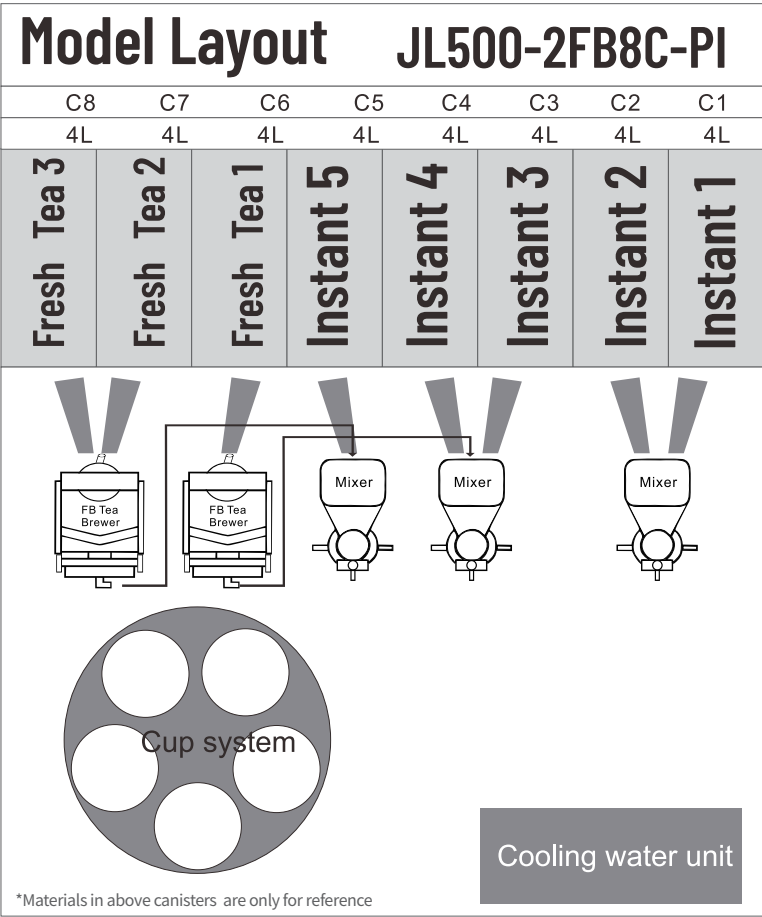
Fruit juice (cold / hot)

Daily Output: 250 Cups/Daily

Drinks Outpt(based on protocol DIN18873-2 hourly output)

Espresso：124   cappuccino：105
American coffee：100

Model Layout JL500-2FB8C-PI

	C8	C7	C6	C5	C4	C3	C2	C1
	4L	4L	4L	4L	4L	4L	4L	4L
	Fresh Tea 3	Fresh Tea 2	Fresh Tea 1	Instant 5	Instant 4	Instant 3	Instant 2	Instant 1

FB Tea Brewer FB Tea Brewer Mixer Mixer Mixer

Cup system

Cooling water unit

*Materials in above canisters are only for reference

Daily Output: 250 Cups/Daily

*110V (Optional)

Configurations	Parameter specification
Operation interface	27"touch screen, 27"screen+10.1" touch screen
Tea canister	2x 4.0L
Instant canister	6 x 4.0L
Filter brewer	2x14g
Chiller	Option, Water output speed 17ml/s
Boiler	1 x 700mL,2700W(220V)
Waste bin capacity	1x125 Cakes
Waste Water Bucket	1x15L, Drip tray full detector
Auto Cup Dispenser	D80mm cups, Custom D70/84/90mm
Drop-cup system	5 cup columns, 180 Cup (D80mm/10 Oz)
Cup cover dispenser	130
Power	220-240V 50/60Hz
Rated power	2700W (230V)
Dimension (W*H*D)	664*1830*720mm
Net weight	150kg

Main drinks：Tea drinks + Instant drinks

Drinks Outpt(based on protocol DIN18873-2 hourly output)

American coffee：100   cappuccino：105
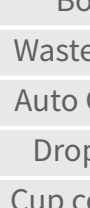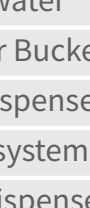
Model Layout — JL500-IN8C-PI

*110V (Optional)

	C8	C7	C6	C5	C4	C3	C2	C1
	4L	4L	4L	4L	4L	4L	4L	4L
	Pre-mix2	Pre-mix1	Instant tea	Instant Coffee	Cacao	Creamer	Topping	Sugar

Mixer (×5)

Cup system

*Materials in above canisters are only for reference

Cooling water unit

Configurations	Parameter specification
Operation interface	27"touch screen, 27"screen+10.1" touch screen
Instant canister	8 x 4.0L
Mixer	5
External Ice Maker	Optional, 1.5kg/bucket
Chiller	Option, Water output speed 17ml/s
Boiler	1 x 700mL,2700W(220V)
Bottled water	3x18.9L
Waste Water Bucket	1x15L, Drip tray full detector
Auto Cup Dispenser	D80mm cups, Custom D70/84/90mm
Drop-cup system	5 cup columns, 180 Cup (D80mm/10 Oz)
Cup cover dispenser	130
Power	220-240V 50/60Hz
Rated power	2700W (230V)
Dimension (W*H*D)	664*1830*720mm
Net weight	150kg
Main drinks: Instant drinks	

Daily Output: 250 Cups/Daily

Front view

Side view

1830mm

664mm

720mm
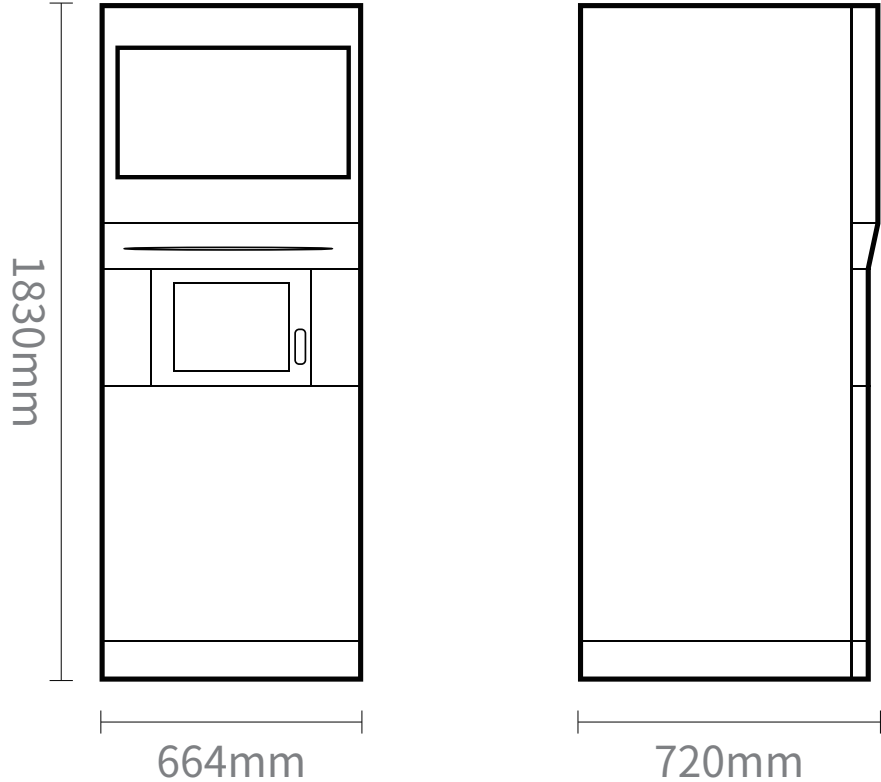
Package size : 820 (W) *780 (D) *1900 (H) mm

Optional module	Optional or not
BIB peristaltic pump	Optional
Chiller	Optional
External Ice Maker	Optional
Auto cup lid capping module	Optional
Human Induction	Optional
UV light	Optional
Electric meter	Optional
4G	Optional

Payment module	Optional or not
Facial scan payment	Optional
Reverse QR Code payment	Optional
Paper currency validator	Optional
Coin validator	Optional
RFID payment	Optional
MDB Cashless	Optional

BIB module

Function: connect to concentrates to make BIB drinks.

Item	Parameter
Module dimensions (W*H*D)	156x350x280mm
BIB bag weight	3kg
Port size	Dual head M30
Flow	600±10%ml/min(suction head 1 meter, pump head 0.5 meter)
Working environment	Temperature: 0~60°C Relative humidity ＜85%RH
Matched tube	24#
Power	32W

Jetinno Patented Water Cooler

- Guarantee of continuous output of cool water
- 0~6.5°C water temperature, 17mL/s cool water output speed
- Apple R134a/R600a coolant
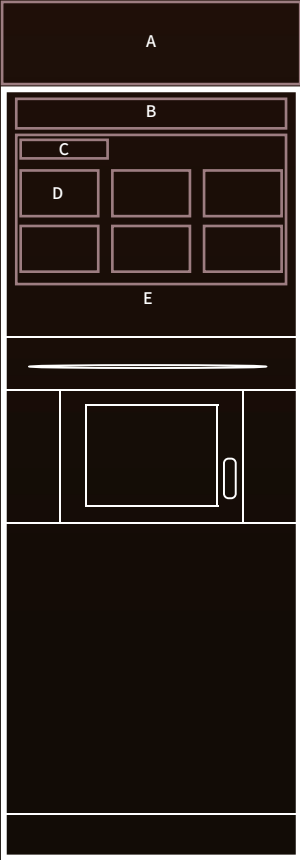- German instant cooling technology
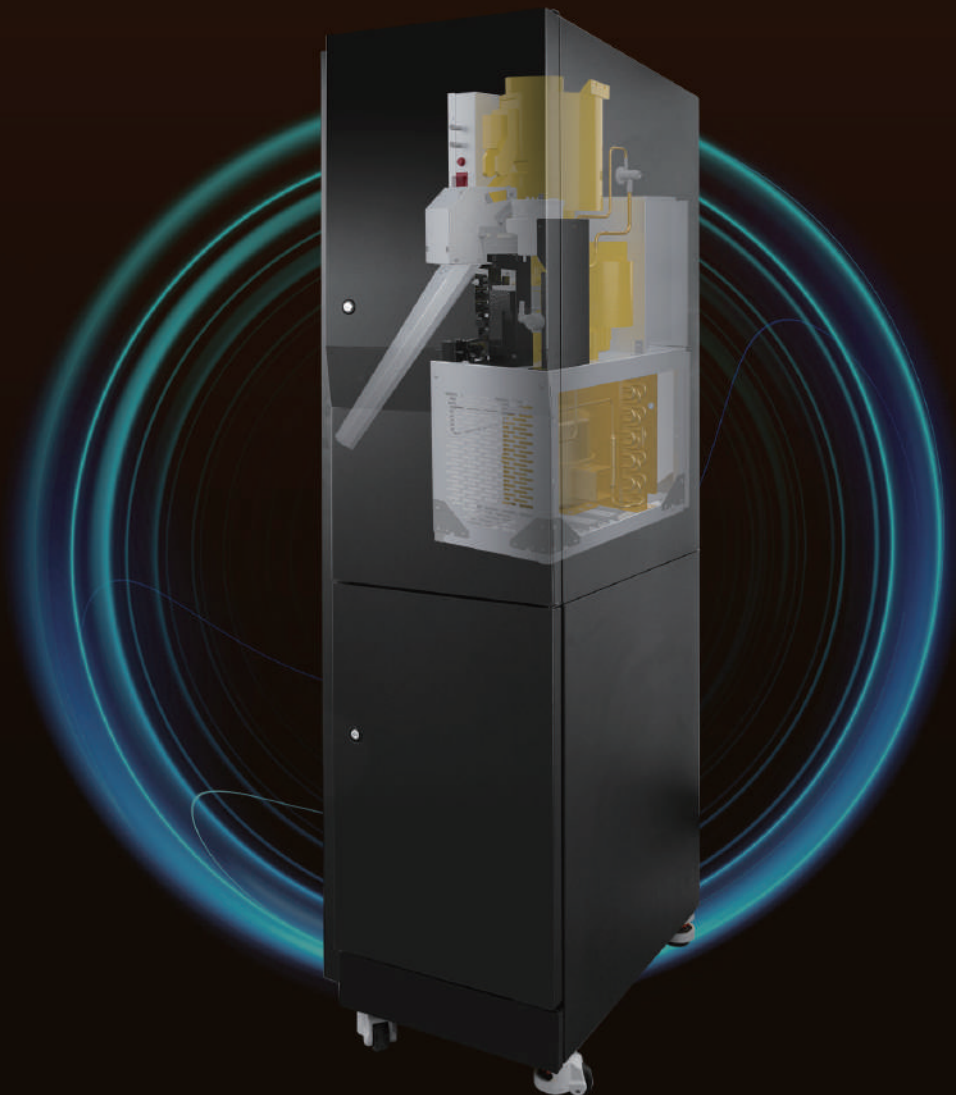
Ice Maker

Jetinno Patented ice making unit

Items	Parameters
Working Environment	5-35°C, 90%H humidity
Coolant	R290
Water Storage	1.5kg/bucket
Ice Type	Ice cube 1.2g/each
Ice Output	13 cups 180g/cup
Daily Output	72kg/day
First Output	<25min
Ice Full Time	90min

UI customization

Name	Position	Width	Height	Format
Light box	A	664mm	＜300mm	AI or cdr
Brand LOGO	B	＜600mm	＜700mm	AI or cdr
UI LOGO	C	327PX	66PX	PNG
UI drink picture	D	287PX	287PX	PNG
Video ads	E	1920PX	1080PX	MP4

Deep customization

Name	Item
Ports	Open underlying control serial port protocol, support customer self-developed APP.
	Open network interface(TCP/IP), support customer self-developed server.
	Open RESTful interface, support customer online store and data system.
OS	APP application layer customizable development (Linux, Android).

Product: Coffee machine tea brewer cleaner

Use: used for coffee machine tea brewer cleaning

Ratio: 2 pills with 5.67L water

Details: 4g/pill, 120 pills/bottle, 12 bottles/case

Product: coffee machine boiler cleaner

Use: used for coffee machine boiler cleaning

Ratio: 200g powder with 3.9L water

Details: 1kg/bottle, 6 bottles/case

Product: coffee machine cleaner

Use: used for coffee machine brewer cleaning

Details: 2g/pill, 100 pills/can, 12 cans/case

Product: cleaning brush

Use: used for coffee machine cleaning and maintenance

Details : general use

Product: tower

Use: used for coffee machine cleaning and maintenance

Details : general use

Security Certification

CB

CE

CQC
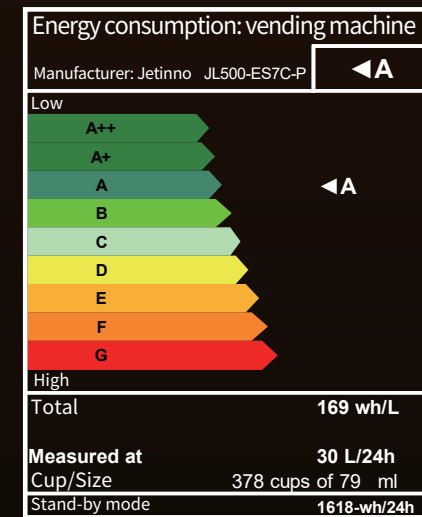
Food Contact Material

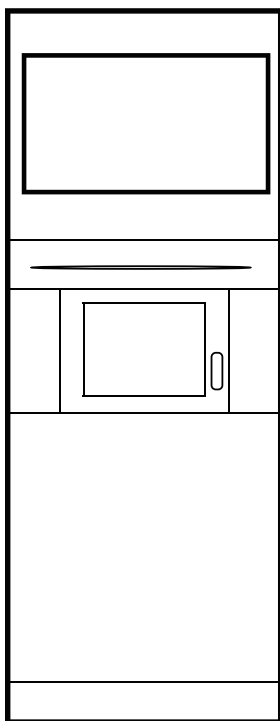EU 1935/2004
European food test

Europe

LFGB
German

FDA
US

GB
GB4806
China

Europe EVA energy consumption level A

Energy consumption: vending machine	
Manufacturer: Jetinno JL500-ES7C-P	◄A

Low
A++
A+
A
B
C
D
E
F
G
High

◄A

Total	169 wh/L
Measured at	30 L/24h
Cup/Size	378 cups of 79 ml
Stand-by mode	1618-wh/24h

95% Recycled