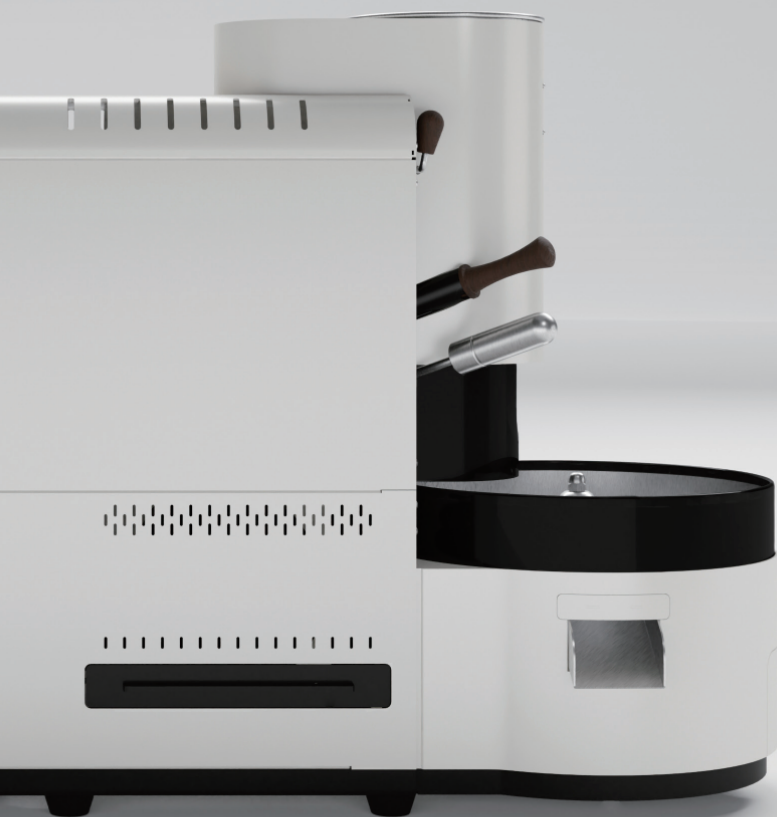


HB COFFEE ROASTER

Product Manual

P E  K

More Intelligence
Better Performance



Gas LPG/NG

Convection heating

Batch Size 0.2-1.2kg

| Rated Voltage
220 V

| Rated Power
550 W

| Roasting Time
10-15 min

| Roasting Capacity
4.8 kg/h

PEAK-P1[G]
Automatic Coffee Roaster

PEAK-P1[E]
Automatic Coffee Roaster

Electrical

Convection heating

Batch Size 0.2-1.2kg

| Three-phase voltage
380 V / 220 V (Customizable)

| Full load current
7.6 A

| Rated Power
5500 W

| Roasting Time
10-15 min

| Roasting Capacity
4.8 kg/h



Appearance

1

Color
white / black

Data Output
USB & HDMI

System
iHB

Weight
140 kg (net)
170 kg (gross)

Batch Size
0.2 - 1.2 kg

Rated Power & Voltage

550 W 220 V | 5500 W 380 V / 220 V
Gas Elec (Customizable)

Full load current [Elec]
7.6 A

Display
Four-way temp display
Air pressure | Gas pressure

Exhaust
Hot air | Cooling separate duct

Machine Size ^(LxWxH)
1250 x 500 x 750 mm

Package Size ^(LxWxH)
1320 x 550 x 870 mm

2

Drum

Type
Double wall drum (cast steel)

Drum Paddle
Double layer multi-piece paddle

Rotate Speed
30-79 RPM
(High Precision Frequency Adjustment)

Type
Stirring Cooling

Cooling Fan Discharge
9.9 m³/min

Cooling Duct Diameter
80 mm

3

Cooling

4

Heating

Combustion Chamber
Venturi-Premixed Fire Row

Gas Source
Gas (LPG | NG)

Gas Consumption
0 - 0.132 m³/h | 0 - 0.198 m³/h
LPG NG

Gas Supply Pressure
4Kpa

Heater
Multiple-Unit Heating Wire
Rated Power
4.5 KW

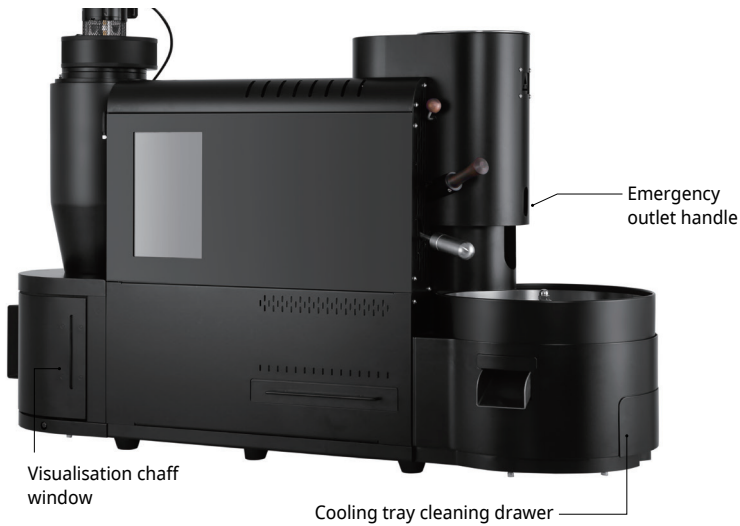
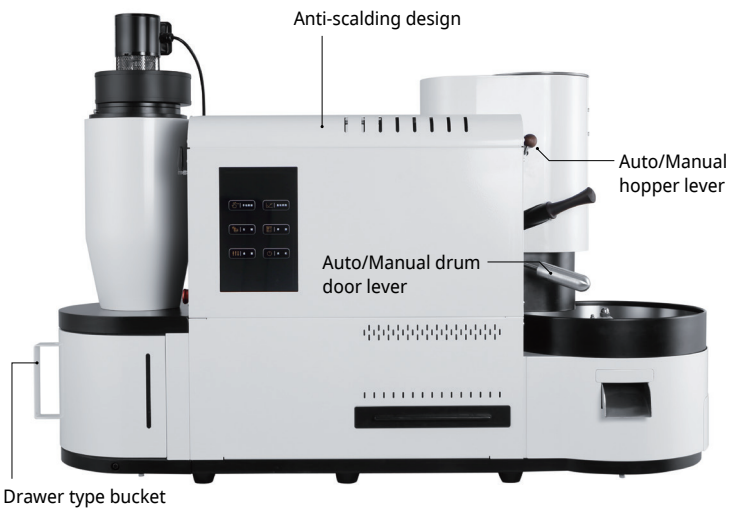
Control
Electronic air pressure
variable adjustment

Hot Air Fan Discharge
3.9 m³/min

Hot Air Duct Diameter
80 mm

5

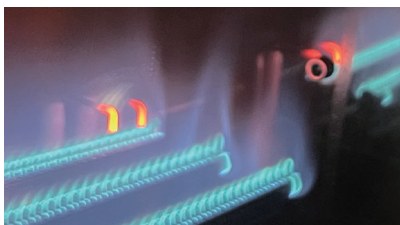
Hot air





Double wall drum roaster

Reduces bean surface burns and ensures even heating of the coffee beans;
The cast steel material reacts quickly to heat regulation and has excellent heat preservation properties; the double wall drum improves the convection heating ratio and fewer scorched beans from batch to batch.



Self-developed fire exhaust

Patented technology with a powerful fire to ensure a stable heat supply.
Guaranteed heat-up rate per minute, so you can roast at your own pace and explore different flavour profiles.



High-energy electric heating

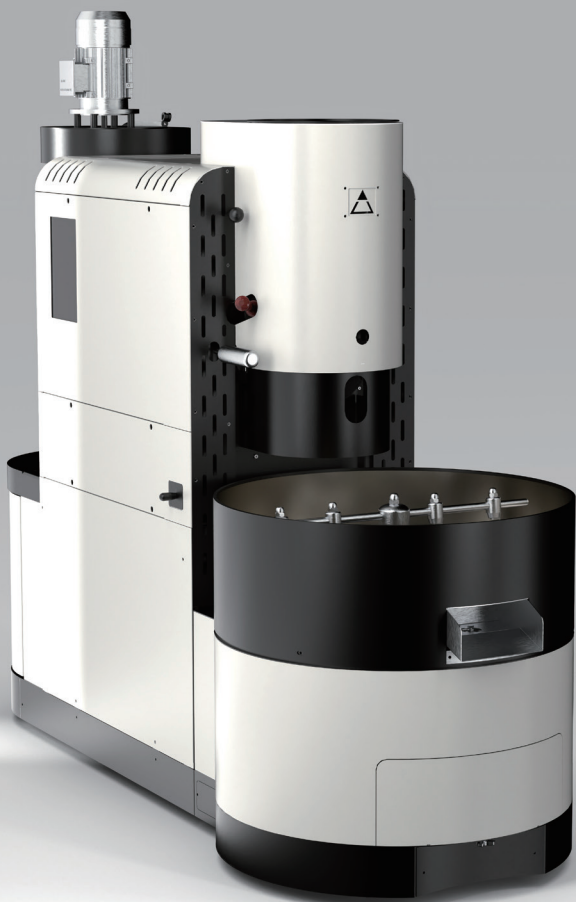
The PEAK-P1-E has a heat conversion rate of more than 80%, lower power to achieve more heat supply.
The 4950w heating power ensures that the coffee beans are evenly distributed, balanced and clean, more energy efficient and environmentally friendly.

烘焙时长:	07:49	发展时间:	00:56
入豆温:	171.5°C	发展率:	11%
回温点:	01:12 / 110.6°C	转黄点:	00:00 / 0.0°C
一爆:	06:53 / 183.1°C	二爆:	00:00 / 0.0°C
结束:	07:49 / 191.9°C	回温至黄点温升:	92.2°C/min
黄点至一爆温升:	26.6°C/min	一爆至结束温升:	0°C / min

时间	豆温	ROR	热风温	出风速	环境温	火力	热风	液腾	标记
00:00	171.5°C	4.1°C/...	205.7°C	191.6°C	189.2°C	0.0	60.0	70	液腾值已...
00:08	161.9°C	-40.3...	205.0°C	180.1°C	186.1°C	60.0	60.0	70	火力值已...
00:30	126.9°C	-83.0...	223.2°C	155.4°C	179.6°C	60.0	60.0	70	
01:00	111.2°C	-19.1...	234.7°C	156.7°C	179.6°C	60.0	60.0	70	
01:30	112.8°C	7.8°C/...	241.8°C	164.9°C	182.5°C	60.0	60.0	70	

Intelligent roasting system

The machine comes with a fully automatic roasting system, iHB, which controls for sequential control of entire process—from roasting to cooling and destoning—as well as maximum production and repeatability.
Automatic / Manual , with the ability to switch modes at will for accurate reproduction of profiles.



Convection Heating

Batch Size 1-3 kg

Roasting Capacity 12 kg/h

Roasting Time 6-15 min

Gas LPG/LNG

Rated Voltage
220 V

Rated Power
1200 W

Combustion Chamber
Venturi Premix Burner

PEAK-P3
Automatic Coffee Roaster

Appearance

1

Color
White

Data Output
USB & WIFI

System
iHB+Artisan

Weight
310 kg (net)

Batch Size
1-3 kg

Screen
10-inch High-resolution LCD
Capacitive Touch Screen

Rated Power & Voltage
550 W 220 V
Gas

Rated Current
5 A

Monitor
4-Channel Digital Temperature Measurement
Digital Air Pressure
Digital Gas Pressure

Exhaust
Hot Air | Cooling Separate Duct

Machine Size ^(LxWxH)
1930×790×1625mm(Including collection bucket)

Package Size ^(LxWxH)
2180×1025×1905 mm

2

Drum

Type
Double-layer Cast Steel Roller
(standard configuration)

Drum Paddle
Double Layer Multi-piece Paddle
(HB patented technology)

Rotate Speed
50-70 RPM (adjustable)

Control
Electronic Air Pressure
Variable Adjustment

Hot Air Fan Discharge
6.5 m³/min

Hot Air Duct Diameter
100 mm

4

Heating

Combustion Chamber
Venturi Premix Burner

Gas Source
Gas (LPG | LNG)

Gas
Gas Consumption
0.14-0.36 m³/h | 0.28-0.72 m³/h
LPG LNG

Gas Supply Pressure
4 Kpa

3

Hot air

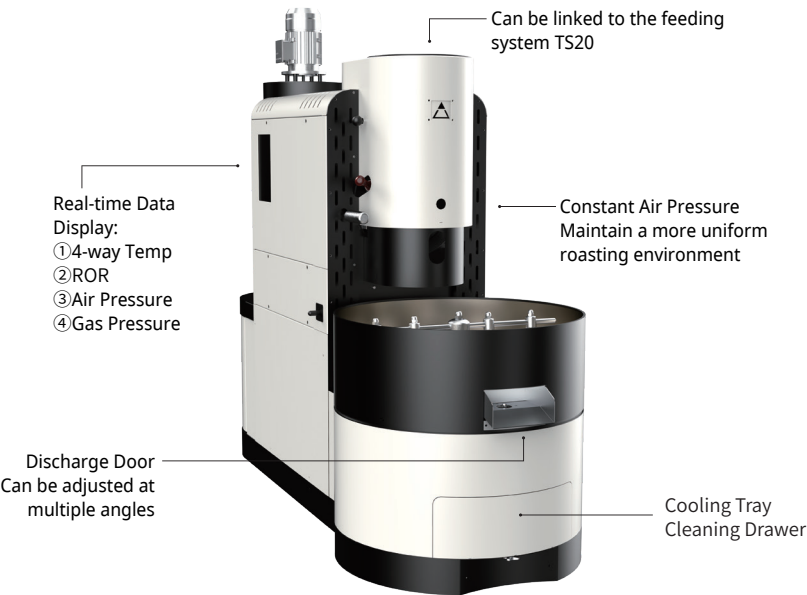
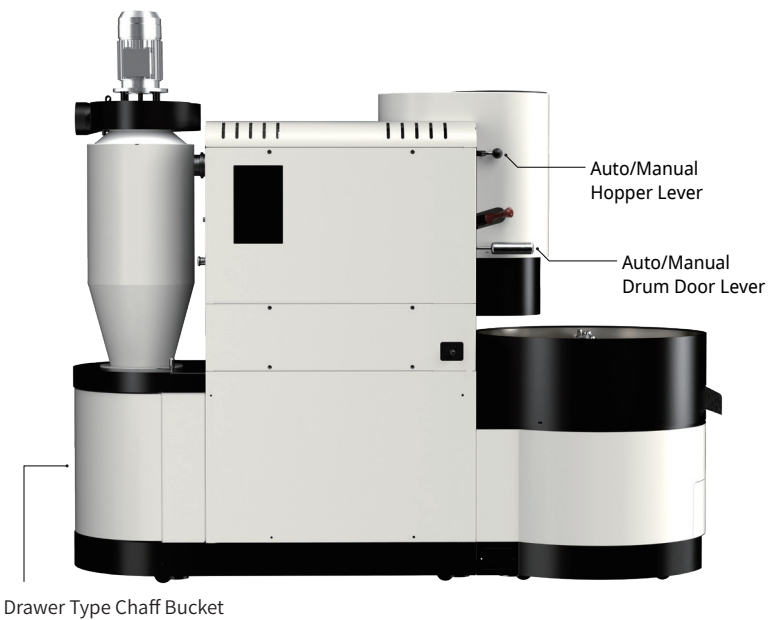
Type
Stirring Cooling

Cooling Fan Discharge
15.6 m³/min

Cooling Duct Diameter
100MM

5

Cooling



PEAK-P8[G&E]
Automatic Coffee Roaster

Convection heating

Batch Size 3-8kg

Roasting Capacity 32 kg/h

Roasting Time 6-15 min

Gas LPG/NG

Rated Voltage
220 V

Rated Power
1600 W

Combustion Chamber
Venturi-Premixed Fire Row

Electrical

Three-phase voltage
380 V
Rated Current
30 A

Rated Power
18400 W

Heater
Multiple-Unit Heating Wire



Appearance

1

Color
white

Data Output
USB & HDMI

Screen
13.3" HD display

Weight
550 kg

System
iHB

Display
Four-way temp display
Air pressure
Gas pressure

Batch Size
3 - 8 kg

Rated Power & Voltage

1600 W 220 V
Gas

18400 W 380 V
Elec

Rated Current
[Elec]
30 A

Exhaust
Hot air | Cooling
separate duct

Machine Size (LxWxH)

2280 x 1000 x 1850 mm

Package Sizer (LxWxH)

2680 x 1140 x 2080 mm

2

Heating

Combustion Chamber

Gas | Venturi-Premixed Fire Row
Elec | Multiple-Unit Heating Wire

Gas Source

Gas (LPG | NG)

Gas Consumption

0.28 - 0.86 m³/h | 0.57 - 1.70 m³/h
LPG NG

Gas Supply Pressure
4Kpa

3

 Drum

Type

Double wall drum (cast steel)

Drum Paddle

Double layer multi-piece paddle

Rotate Speed

10 - 62 RPM

(High Precision Frequency Adjustment)

Control

Electronic air pressure
variable adjustment

4

Hot air

Hot Air Fan Discharge
7.2 m³/min

Hot Air Duct Diameter
150 mm

Type

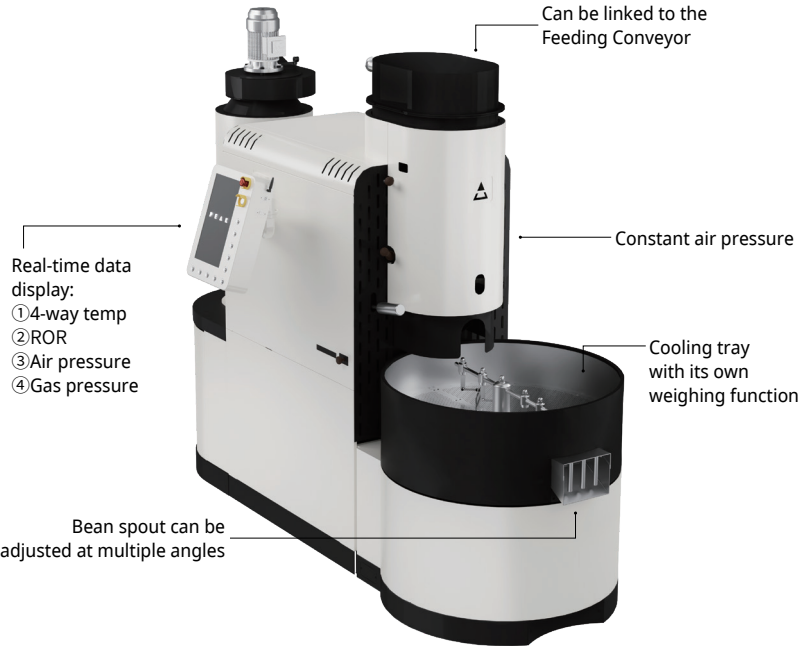
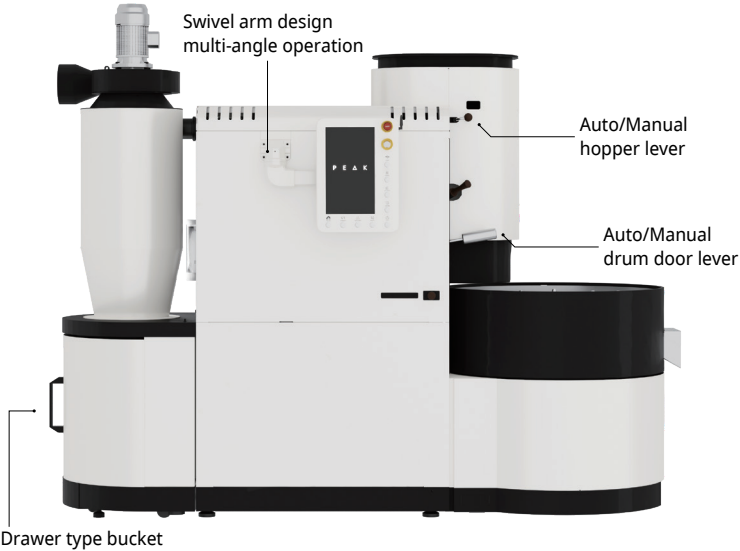
Stirring Cooling

5

Cooling

Cooling Fan Discharge
30 m³/min

Cooling Duct Diameter
150 mm





Innovation Across the Board

Appearance Innovation

The PEAK-P8 adopts a swivel-arm operator's desk, which is more convenient to operate from multiple angles.

System Innovation

Higher performance fully automatic roasting systems for the PEAK series.



PEAK Constant Air Pressure

Automatically adjusts the fan speed to keep the flow rate of hot air consistent, ensuring a stable and consistent roasting environment.

PEAK's roasting interface displays the real-time air pressure value, which is easy for roasters to observe the data.



Tracking Roasting Curves

Manual / Automatic System

Automation and digitisation of roasting curve monitoring technology makes the roaster's job easier and easier.

Real-time Display

During the roasting process, you can see the ROR, air pressure, gas pressure in real time to better assist the roasting.

Bean Temp Prediction

The software will automatically predict the future direction of the bean temp curve to assist your roasting adjustment.



Convection heating

Batch Size 3-15 kg

Roasting Capacity 60 kg/h

Roasting Time 6-15 min

Gas LPG/LNG

Voltage
220 V

Power
2100 W

Combustion chamber
Venturi-Premixed Burner

Electric

Three-phase voltage
380 V
Rated Current
100 A

Total power
Three-phase
38 KW

Heater
Multi-Unit Heating Wire

PEAK-P15[G&E]
Automatic Coffee Roaster

1

Appearance

Color	Data Output
White	USB & WIFI
System	Weight
iHB+Artisan	770 kg
Batch Size	Screen
3 - 15 kg	13.3" HD Display
	Capacitive Touch Screen
Rated Power & Voltage	
2100W 220V three-phase38KW 380V	
Gas	Elec
Rated Current	Machine Size ^(LxWxH)
100 A	2700x1150x2050mm
Temp Measurement:Four-Point Digital	
(Bean Temp Hot Air Pressure Exhaust	
Temp Ambient Temp)	
	Package Size ^(LxWxH)
	2250x1200x2260mm
	1200x1100x1070mm
	(Two boxes)
Exhaust	
Hot Air Cooling	
Separate Duct	

2 **Drum**

Type
Double-layer Cast Steel Drum
(Standard)

Drum Paddle
Cast Steel | Double-layer Multi-pad-
dle (HB Patented Technology)

Rotate Speed
40-60 RPM (Adjustable)

3

Hot air

Hot Air Control
Digital Air Pressure | Variable
Frequency Speed Control

Hot Air Fan Discharge
15.4 m³/min

Hot Air Duct Diameter
150 mm

4

Heating

Combustion Chamber
Gas | Venturi-Premixed Burner

Gas Source
Gas (LPG | LNG)

Gas Consumption
0.24-1.5m³/h | 0.48-3m³/h
LPG LNG
Gas Supply Pressure
4Kpa

Electric | Multiple-Unit
Heating Wire

heating power
36 KW

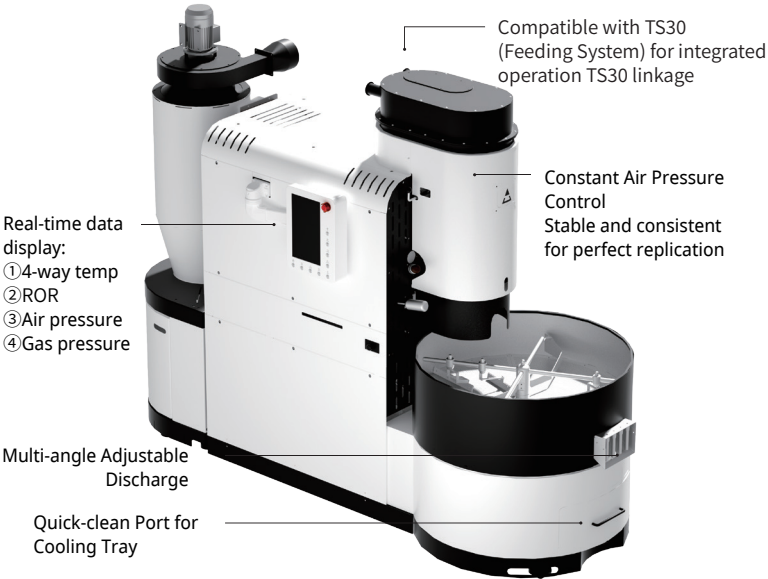
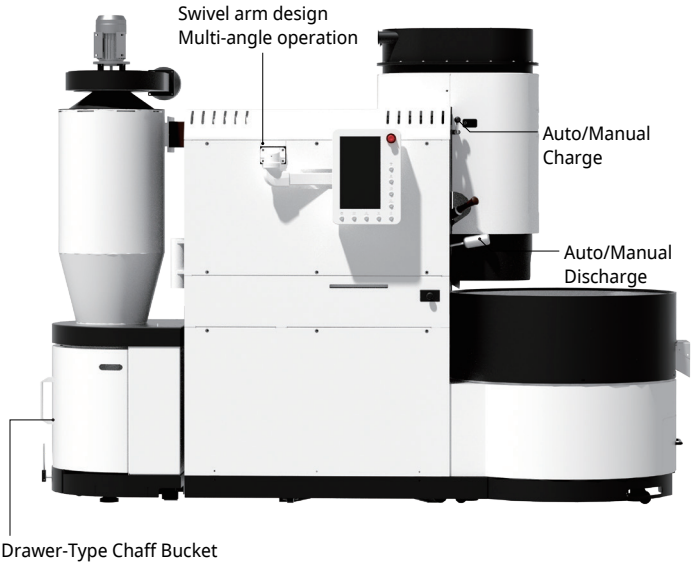
5

Cooling

Type
Stirring Cooling

Cooling Fan Discharge
25.1m³/min

Cooling Duct Diameter
200 mm



PEAK-TS20-P
Green Coffee Conveyor

| Feeding Capacity | Feeding Speed

No specific volume 8 kg/min



Appearance

1

Color
white

Feeding Capacity
No specific volume

Weight
42 kg (net weight)
60 kg (gross weight)

Dimensions ^(LxWxH)

460 x 400 x 840 mm

Machine Size

670 x 560 x 650 mm

Package Size

Other

3

Rated Power
1100 W

Three-phase Voltage
220 V

Feeding

2

Feeding Speed
8 kg/min

Feeding Pipe Diameter
38 mm

Feeding Height
Lifting height Standard
lifting height 2m
Customised up to 3m

Feeding Distance
Lifting distance Lifting standard
cross-width distance 1.5m
Customised up to 8m



| Control Method

Roaster Linkage Control



Appearance

1

Color
white / black

Weight
75 kg (net weight)
100 kg (gross weight)

Dimensions^(LxWxH)
400 x 400 x 1315 mm — Machine Size
600 x 600 x 1400 mm — Package Size

Other

3

Power
35 W

Voltage
220 V

2 Burner & smoke extraction

Control Method
Roaster Linkage Control

Gas Pressure
2-3 Kpa

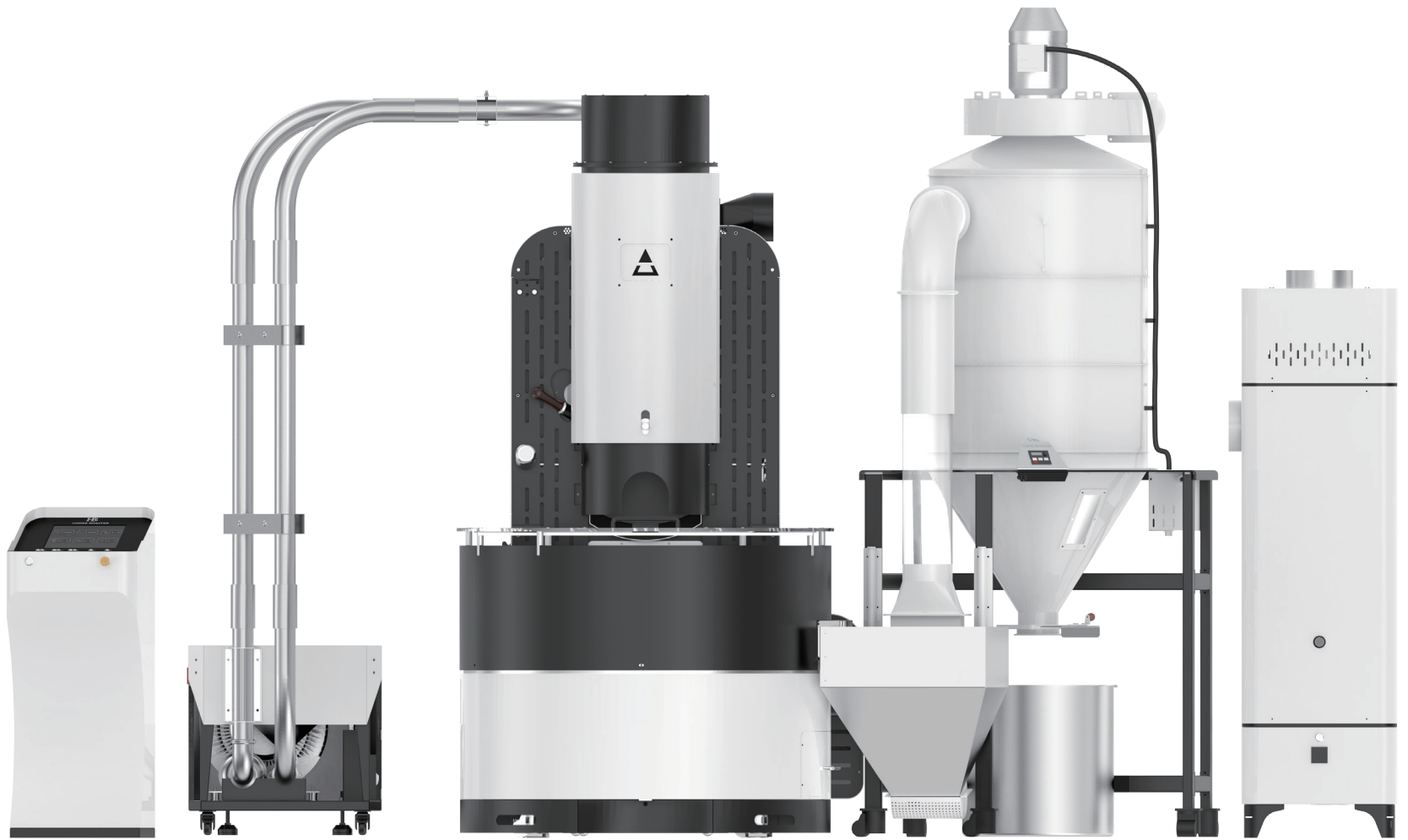
Fuel Connection
DN15

Gas Consumption
0 - 2.6m³/h | 0 - 1.8 kg/h
— NG — LPG

Air-in Tube
150 mm

Exhaust Tube
200 mm





Gas LPG/NG

Convection heating

Batch Size 6-30kg

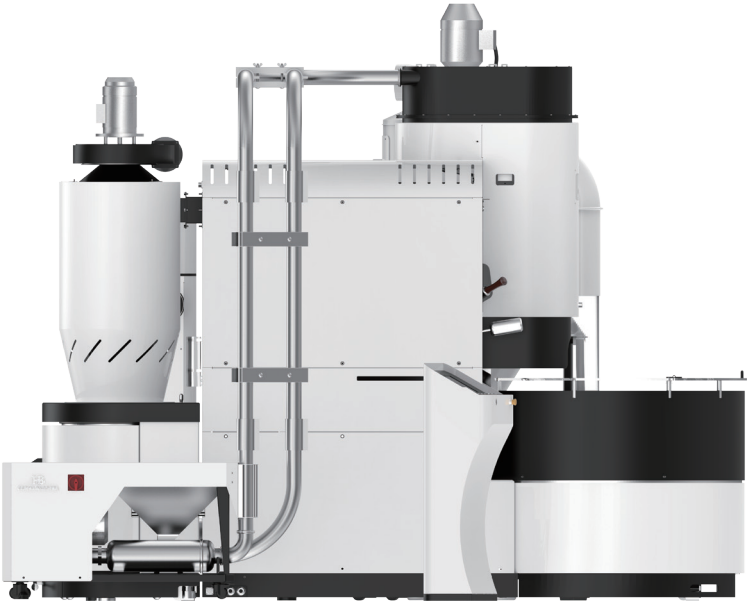
| Rated Voltage
220 V

| Rated Power
3500 W

| Roasting Time
10-20 min

| Roasting Capacity
100 kg/h

PEAK-P30-G
Automatic Coffee Roaster



Appearance

1

Color white	Data Output USB & HDMI
Screen 10" HD display	Weight 900 kg
System iHB	Display Four-way temp display Air pressure Gas pressure
Batch Size 6 - 30 kg	
Rated Power 3500 W 220 V	Exhaust Hot air Cooling separate duct
Machine Size ^(LxWxH) 2300 x 1210 x 2200 mm	Without chaff bucket
3000 x 1210 x 2200 mm	Including chaff bucket
Dimensions Of Console ^(LxWxH) 400 x 360 x 980 mm	
Package Sizer ^(LxWxH) 2350 x 1150 x 2250 mm	

2

Heating

Combustion Chamber
Venturi-Premixed Fire Row

Gas Source
Gas (LPG | NG)

Gas Consumption
0 - 4.0 m³/h | 0 - 5.2 m³/h
LPG NG

Gas Supply Pressure
4Kpa

3

Drum

Type
Double wall drum (cast steel)

Drum Paddle
Double layer multi-piece paddle

Rotate Speed
47-59 RPM
(High Precision Frequency Adjustment)

Control
Electronic air pressure
variable adjustment

Hot Air Fan Discharge
14.5 m³/min

Hot Air Duct Diameter
150 mm

4

Hot air

Type
Stirring Cooling

Cooling Fan Discharge
21 m³/min

Cooling Duct Diameter
200 mm

5

Cooling

PEAK-TS30
Green Coffee Conveyor

Feeding Capacity	Feeding Speed
30 kg	60 kg/min



1

Appearance

Color
white

Feeding Capacity
30 kg

Weight
85 kg (net weight)
120 kg (gross weight)

Dimensions ^(LxWxH)
1240 x 580 x 680 mm — Machine Size
1315 x 660 x 830 mm — Package Size

Other 3

Rated Power
3000 W

Three-phase Voltage
380 V

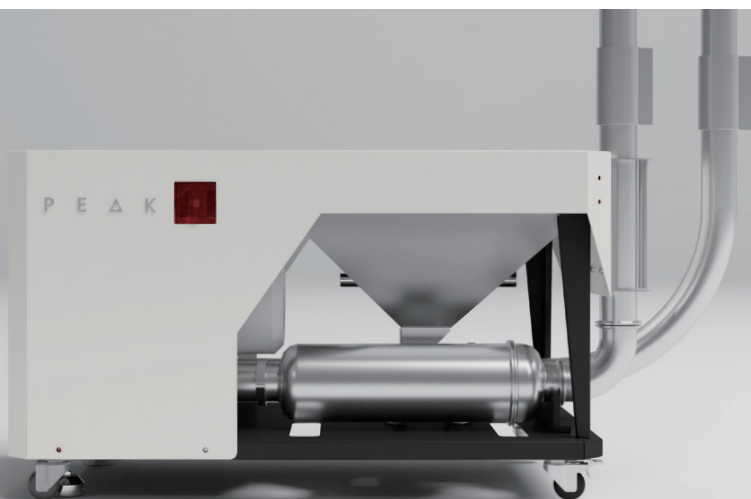
2 Feeding

Feeding Speed
60 kg/min

Feeding Pipe Diameter
63 mm

Feeding Height
Lifting height Standard
lifting height 3m
Customised up to 5m

Feeding Distance
Lifting distance Lifting standard
cross-width distance 3m
Customised up to 8m



| Control Method

Roaster Linkage Control



Appearance

1

Color
white

Weight
110 kg (net weight)
140 kg (gross weight)

Dimensions^(LxWxH)
470 x 470 x 1650 mm — Machine Size
690 x 690 x 1850 mm — Package Size

Other

3

Power
100 W

Voltage
220 V

2 Burner & smoke extraction

Control Method
Roaster Linkage Control

Gas Pressure
4 Kpa

Fuel Connection
DN15

Gas Consumption
3.5 - 7m³/h | 3 - 6 kg/h
— NG — LPG

Air-in Tube
150 mm

Exhaust Tube
200 mm



| Capacity

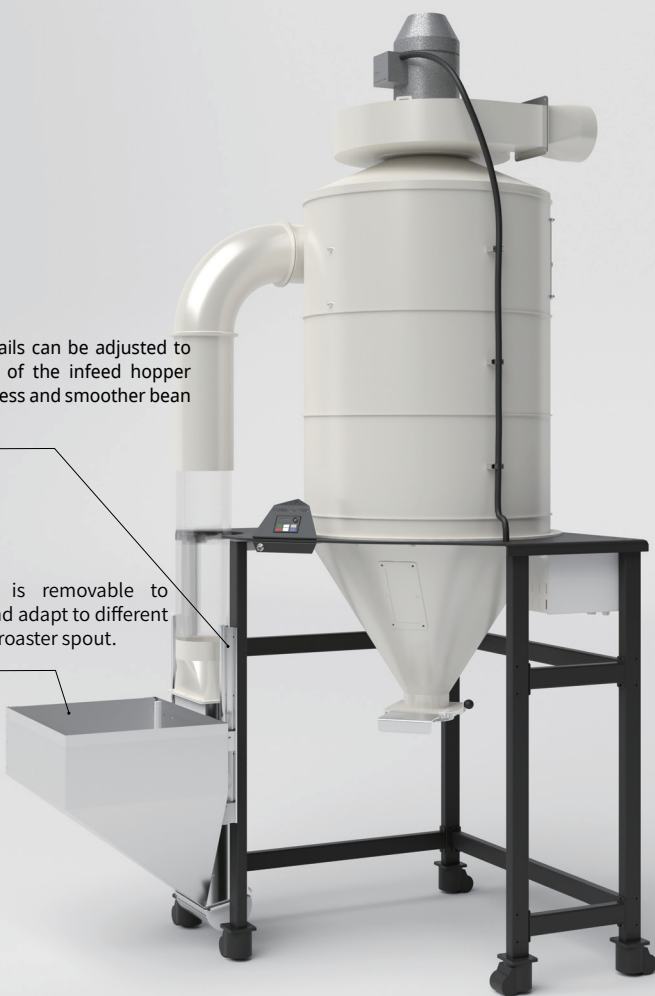
40 kg(QS30) 70 kg(QS60) 100 kg(QS90)

| Max Capacity

500 kg/h

The slide rails can be adjusted to the height of the infeed hopper for a seamless and smoother bean discharge.

One side is removable to support and adapt to different models of roaster spout.



Appearance



Color
white / black

QS30		
Dimensions Machine 120 kg	Main Package 200 kg	Attached Package
(LxWxH) 1370 x 1000 x 2220 mm	1450 x 1070 x 1345 mm	775 x 770 x 1555 mm

QS60		
Dimensions Machine 140 kg	Main Package 220 kg	Attached Package
1370 x 1000 x 2480 mm	1450 x 1070 x 1345 mm	775 x 770 x 1555 mm

QS90		
Dimensions Machine 160 kg	Main Package 268 kg	Attached Package
1370 x 1000 x 2740 mm	1450 x 1070 x 1345 mm	775 x 770 x 1795 mm

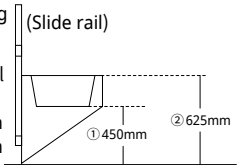
Other



Dimensions Of Feeding
Hopper

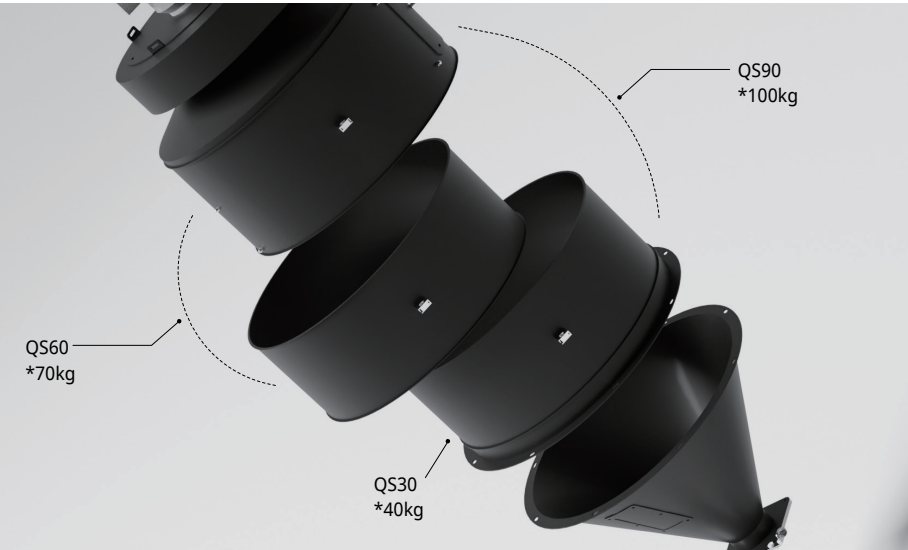
Adjusting the slide rail
allows:

- ① height up to 700mm
- ② height up to 875mm



MaxCapacity 500 kg/h
Rated Power 1500 W

Rated Voltage 220 v 50 Hz
Air Suction Volume 50 m³/min



2025-2026 China Coffee Roasting Championship

OFFICIAL ROASTER

— HB COFFEE ROASTER —

- Official Production Roaster
PEAK-P8-E

- Official Sample Roaster
PEAK-P1-E

HB COFFEE
ROASTER | P E Δ K



HB
COFFEE ROASTER

HB Series Product Manual



Convection heating

Batch Size 100-300g

Roasting Capacity 1.2 kg/h

Roasting Time 6-15 min

Gas LPG/NG

| Rated Voltage
220 V / 110 V
(Customizable)

| Rated Power
100 W

| Combustion Chamber
Venturi-Premixed Fire Row

Electrical

| Rated Voltage
220 V

| Rated Power
1600 W

| Heater
Carbon Fiber Heating Tube

Full load current
7.2 A

HB-M2S[G&E]
Coffee Roaster

1

Appearance

Color
silver / black

Data Output
USB & WIFI

System
APP

Weight
37 kg (net)
50 kg (gross)

Batch Size
100 - 300 g

Rated Power & Voltage

100 W 220 V / 110 V
(Customizable)
Gas

1600 W 220 V
Elec

Full load current [Elec]
7.2 A

Display
Three-way temp display
Air pressure | Gas pressure

Exhaust
Hot air | Cooling separate duct

Machine Size^(LxWxH)
715 x 255 x 725 mm

Package Size^(LxWxH)
810 x 380 x 730 mm

2

Drum

Type
Cast Steel
(Double-Layered Cast Steel Customizable)

Drum Paddle
Double layer multi-piece paddle

Rotate Speed
30-83 RPM
(Adjustment)

Type
Air Cooling

Cooling Fan Discharge
1.4 m³/min

Cooling Duct Diameter
80 mm

4

Heating

Combustion Chamber
Venturi-Premixed Fire Row

Gas Source
Gas (LPG | NG)

Gas
Gas Consumption
0 - 0.03 m³/h | 0 - 0.06 m³/h
LPG NG

Gas Supply Pressure
4Kpa

Heater
Carbon Fiber Heating Tube

Elec
Rated Power
1600 W

Control
Tube-cutting Type

Hot Air Fan Discharge
1.9 m³/min

Hot Air Duct Diameter
80 mm

3

Cooling

5

Hot air



Convection heating

Batch Size 200-600g

Roasting Capacity 2.4 kg/h

Roasting Time 6-15 min

Gas LPG/NG

Rated Voltage
220 V / 110 V
(Customizable)

Rated Power
130 W

Combustion Chamber
Venturi-Premixed Fire Row

Electrical

Rated Voltage
220 V
Rated Current
16 A

Rated Power
3130 W

Heater
Multiple-Unit Heating Wire

HB-M6S[G&E]
Coffee Roaster

Appearance

1

Color
white / black

Data Output
USB & WIFI

System
APP

Weight
52 kg (net)
75 kg (gross)

Batch Size
200 - 600 g

Rated Power & Voltage

130 W 220 V / 110 V
(Customizable)
Gas

3130 W 220 V
Elec

Rated Current [Elec]
16 A

Display
Four-way temp display
Air pressure | Gas pressure

Exhaust
Hot air | Cooling separate duct

Machine Size^(LxWxH)
780 x 480 x 746 mm

Package Size^(LxWxH)
860 x 550 x 710 mm

2

Drum

Type
Cast Steel
(Double-Layered Cast Steel Customizable)

Drum Paddle
Double layer multi-piece paddle

Rotate Speed
30-75 RPM
(Adjustment)

Type
Stirring Cooling

Cooling Fan Discharge
3.3 m³/min

Cooling Duct Diameter
80 mm

3

Cooling

4

Heating

Combustion Chamber
Venturi-Premixed Fire Row

Gas Source
Gas (LPG | NG)

Gas
Gas Consumption
0 - 0.075 m³/h | 0 - 0.113 m³/h
LPG NG

Gas Supply Pressure
4Kpa

Elec
Heater
Multiple-Unit Heating Wire
Rated Power
3130 W

Control
Tube-cutting Type

Hot Air Fan Discharge
2.2 m³/min

Hot Air Duct Diameter
80 mm

5

Hot air



Convection heating

Batch Size 0.2-1.2kg

Roasting Capacity 4.8 kg/h

Roasting Time 6-15 min

Gas LPG/NG

Rated Voltage
220 V

Rated Power
450 W

Combustion Chamber
Venturi-Premixed Fire Row

Electrical

Three-phase voltage
380 V / 220 V
(Customizable)

Full load current
7.2 A

Rated Power
5000 W

Heater
Multiple-Unit Heating Wire

HB-M12S[G&E]
Coffee Roaster

Appearance

1

Color
white / black

Data Output
USB & WIFI

System
APP

Weight
88.5 kg (net)
119 kg (gross)

Batch Size
0.2 - 1.2 kg

Rated Power & Voltage

450 W 220 V
Gas

5000 W 380 V / 220 V
Elec (Customizable)

Full load current [Elec]
7.2 A

Display
Four-way temp display
Air pressure | Gas pressure

Exhaust
Hot air | Cooling separate duct

Machine Size^(LxWxH)
950 x 600 x 850 mm

Package Size^(LxWxH)
1080 x 690 x 825 mm

2

Drum

Type
Cast Steel
(Double-Layered Cast Steel Customizable)

Drum Paddle
Double layer multi-piece paddle

Rotate Speed
38-75 RPM
(Adjustment)

Type
Stirring Cooling

Cooling Fan Discharge
9.9 m³/min

Cooling Duct Diameter
100 mm

3

Cooling

4

Heating

Combustion Chamber
Venturi-Premixed Fire Row

Gas Source
Gas (LPG | NG)

Gas
Gas Consumption
0 - 0.132 m³/h | 0 - 0.198 m³/h
LPG NG

Gas Supply Pressure
4Kpa

Heater
Multiple-Unit Heating Wire
Elec
Rated Power
5000 W

Control
Tube-cutting Type

Hot Air Fan Discharge
3.9 m³/min

Hot Air Duct Diameter
80 mm

5

Hot air



Gas LPG/NG

Convection heating

Batch Size 0.5-2kg

| Rated Voltage
220 V

| Rated Power
465 W

| Roasting Time
6-15 min

| Roasting Capacity
8 kg/h

HB-L2S
Coffee Roaster

Appearance

1

Color
black

Data Output
USB & WIFI

System
APP

Weight
125 kg (net)
180 kg (gross)
37 kg (chaff collector)

Batch Size
0.5 - 2 kg

Rated Power & Voltage
465 W 220 V

Display
Four-way temp display
Air pressure | Gas pressure

Exhaust
Hot air | Cooling separate duct

Machine Size ^(LxWxH)
1190 x 570 x 890 mm
300 x 310 x 1110 mm

Without
chaff bucket
Including
chaff bucket

Package Size ^(LxWxH)
1260x 850 x 910 mm

2

Drum

Type
Cast Steel
(Double-Layered Cast Steel Customizable)

Drum Paddle
Double layer multi-piece paddle

Rotate Speed
20-65 RPM
(Adjustment)

Type
Stirring Cooling

Cooling Fan Discharge
9.5 m³/min

Cooling Duct Diameter
80 mm

4

Heating

Combustion Chamber
Venturi-Premixed Fire Row

Gas Source
Gas (LPG | NG)

Gas Consumption
0 - 0.3 m³/h | 0 - 0.6m³/h
LPG NG

Gas Supply Pressure
4Kpa

Control
Tube-cutting Type

Hot Air Fan Discharge
5.08 m³/min

Hot Air Duct Diameter
60 mm

3

Cooling

5

Hot air



Convection heating

Batch Size 1-3kg

Roasting Capacity 12 kg/h

Roasting Time 6-15 min

Gas LPG/NG

Rated Voltage
220 V

Rated Power
700 W

Combustion Chamber
Venturi-Premixed Fire Row

Electrical

Three-phase voltage
380 V
Rated Current
15 A

Rated Power
9100 W

Heater
Multiple-Unit Heating Wire

HB-L3S[G&E]
Coffee Roaster

Appearance

1

Color
black

Data Output
USB & WIFI

System
APP

Weight
200 kg (net)
272 kg (gross)

Batch Size
1 - 3 kg

Rated Power & Voltage

700 W 220 V | 9000 W 380 V
Gas Elec

Rated Current [Elec]
15 A

Display
Four-way temp display
Air pressure | Gas pressure

Exhaust
Hot air | Cooling separate duct

Machine Size (LxWxH)

1200 x 605 x 1550 mm Without chaff bucket

350 x 285 x 1500 mm Chaff bucket size

Package Sizer (LxWxH)

1300x 850 x 1490 mm

2

Drum

Type

Cast Steel

(Double-Layered Cast Steel Customizable)

Drum Paddle

Double layer multi-piece paddle

Rotate Speed

50-70 RPM

(Adjustment)

Type

Stirring Cooling

Cooling Fan Discharge
11.78 m³/min

Cooling Duct Diameter
100 mm

4

Heating

Combustion Chamber
Venturi-Premixed Fire Row

Gas Source
Gas (LPG | NG)

Gas Consumption
0.12 - 0.258 m³/h | 0.24 - 0.516m³/h
LPG NG

Gas Supply Pressure
4Kpa

Control
Electronic air pressure
variable adjustment

Hot Air Fan Discharge
3.9 m³/min

Hot Air Duct Diameter
80 mm

3

Cooling

5

Hot air



Roasting Time 6-15 min

Convection heating

Batch Size ^{L6S} 3-6kg / ^{L8S} 3-8kg

Roasting Capacity ^{L6S} 24 kg/h / ^{L8S} 32 kg/h

Gas LPG/NG

Rated Voltage
220 V

Rated Power
900 W

Combustion Chamber
Venturi-Premixed Fire Row

^{L6S} Electrical

Three-phase voltage
380 V
Rated Current
25 A

Rated Power
15300 W

Heater
Multiple-Unit Heating Wire

HB-L6S[G&E]
HB-L8S
Coffee Roaster

Appearance

1

Color
black

Data Output
USB & HDMI

System
APP

Weight
248 kg (net)
430 kg (gross)

Batch Size

3 - 6 kg [L6G&E] | 3 - 8 kg [L8S]

Rated Power & Voltage

900 W 220 V | 15300 W 380 V
Gas Elec [L6E]

Rated Current [Elec]
25 A

Display
Four-way temp display
Air pressure | Gas pressure

Exhaust
Hot air | Cooling separate duct

Machine Size^(LxWxH)

1700 x 840 x 1760 mm Without chaff bucket

480 x 385 x 1850 mm Chaff bucket size

Package Sizer^(LxWxH)

1785x 935 x 1750 mm

2

Drum

Type

Double wall drum (cast steel)

Drum Paddle

Double layer multi-piece paddle

Rotate Speed

10-62 RPM

(Adjustment)

Type

Stirring Cooling

Cooling Fan Discharge
30 m³/min

Cooling Duct Diameter
150 mm

4

Heating

Combustion Chamber
Venturi-Premixed Fire Row

Gas Source
Gas (LPG | NG)

Gas Consumption^(L6S)
0.24 - 0.72 m³/h | 0.48 - 1.44m³/h
LPG NG

Gas Consumption^(L8S)
0.28 - 0.86 m³/h | 0.57 - 1.70m³/h
LPG NG

Gas Supply Pressure
4Kpa

Control

Electronic air pressure
variable adjustment

Hot Air Fan Discharge
7.2 m³/min

Hot Air Duct Diameter
150 mm

3

Cooling

5

Hot air



| Purification Mode

High-Voltage Electrostatic
Absorbent Plate

HB-SHARK300
Fume Filter

1

Appearance

Color black Platform Load-Bearing 200 kg

Weight 120 kg (net) Casters
160 kg (gross) Universal Wheels with Brake

Dimensions (LxWxH)
1100 x 650 x 750 mm  Machine Size
1175 x 720 x 900 mm  Package Size

2

Smoke Extraction

Capacity
0-3 kg

Purification Mode
High-Voltage Electrostatic
Absorbent Plate

Inlet Air Filter
Chaff Prefiltration

Outlet Air Filter
Deodorization by Active Charcoal

Auxiliary Fan
Roasting / Cooling Mode
(switchable)

Air Handling Capacity
3500 CMH

Cooling Fan Discharge
30 m³/min

Inlet Tube Diameter
80 mm / 100 mm | 80 mm

Purification efficiency
>95%

3

Other

Roasting Mode Power
60 W

Rated Voltage
200 V

Rated Frequency
50/60 Hz



| Purification Mode

Cylindrical Honeycomb Electric Field

HB-SHARK600
Fume Filter

1

Appearance

Color black Platform Load-Bearing 100 kg

Weight
180 kg (net)
230 kg (gross)

Dimensions ^(LxWxH)
1464 x 870 x 952 mm Machine Size
1600 x 1020 x 1000 mm Package Size

2

Smoke Extraction

Capacity
0-8 kg

Purification Mode
Cylindrical Honeycomb Electric Field

Inlet Air Filter
Chaff Prefiltration

Outlet Air Filter
Deodorization by Active Charcoal

Auxiliary Fan
Roasting / Cooling Mode
(switchable)

Air Handling Capacity
4000 m³/h

Cooling Fan Discharge
1150 m³/h

Inlet Tube Diameter
80 mm / 100 mm / 150 mm

Purification efficiency
>98%

3

Other

Roasting Mode Power
1400 W

Rated Voltage
220 V

Rated Frequency
50 Hz



| Max Capacity

3 kg/min

HB-QS3
Destoner

1

Appearance

Color
white / black

Weight
10 kg (net)
12 kg (gross)

Dimensions^(LxWxH)
260 x 488 x 550 mm Machine Size
600 x 400 x 500 mm Package Size

2

Specification

Capacity
3 kg

Max Capacity
3 kg/min

Feed hopper capacity
600 kg

Dimensions of Feeding Hopper^(HxW)
189 x 175 mm

Airflow Regulation
Knob adjustment 0-10 steps

Air Suction Volume
1.75 m³/min

Other

3

Rated Voltage
220 V 50 Hz

Rated Power
80 W



| Max Capacity

10 kg/min

HB-QS20
Destoner

1

Appearance

Color
white / black

Weight
35 kg (net)
50 kg (gross)

Dimensions^(LxWxH)
580 x 840 x 1460 mm  Machine Size
805 x 710 x 1500 mm  Package Size

2

Specification

Capacity
25 kg

Max Capacity
10 kg/min

Dimensions of Feeding Hopper^(LxHxW)
300 x 275 x 296mm

Airflow Regulation
Knob adjustment 0-10 steps

Air Suction Volume
2.2 m³/min

Other

3

Rated Voltage
220 V 50 Hz

Rated Power
280 W



| Max Capacity

100 kg/h

HB-QS40
Destoner

1

Appearance

Color
black

Weight
85 kg (net)
140 kg (gross)

Dimensions ^(LxWxH)
1180 x 530 x 2020 mm  Machine Size
2070 x 580 x 1340 mm  Package Size

2

Specification

Capacity
62 kg

Max Capacity
100 kg/h

Dimensions of Feeding Hopper ^(HxW)
400 x 500 mm

Air Suction Volume
11 m³/min

Other

3

Rated Voltage
220 V 50 Hz

Rated Power
370 W



| Output

150 - 250 kg

HB-CS100
Color Sorter Machine

1

Appearance

Color
white

Weight
70 kg

Dimensions^(LxWxH)
712 x 314 x 847 mm

2

Specification

Output
150 - 250 kg

Number of actuating units
Take-out ratio $\geq 12:1$

Colour separation precision
 $\geq 99.99\%$

Other

3

Power supply voltage
110 / 220 V - 50 / 60 Hz

Total power
300 W

Air supply pressure
0.5 - 0.8 Mpa

CONTACT US

WeChat HBroaster-SERV
E-mail marketing@peakroaste.net
Website www.hbroaster.com



HB

COFFEE ROASTER