

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/CNG

Rated Voltage
220 V / 110 V
(Customizable)

Rated Power
100 W

Combustion Chamber
Venturi-Premixed Fire Row

Electrical

Rated Voltage
220 V
Full load current
7.2 A

Rated Power
1600 W

Heater
Carbon Fiber Heating Tube

HB-M2S[G&E]
Coffee Roaster

Appearance

1

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) | 1600 W 220 V
Gas Elec

Full load current [Elec]
7.2 A

Display

Three-way temp display
Air pressure | Gas pressure

Exhaust

Hot air | Cooling separate duct

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 | LNG)

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

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/CNG

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

4

 Heating

Combustion Chamber
Venturi-Premixed Fire Row

Gas Source
Gas (LPG | LNG)

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

Gas Supply Pressure
4Kpa

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

3

 Cooling

5

 Hot air



Convection heating

Batch Size 0.2-1.2kg

Roasting Capacity 4.8 kg/h

Roasting Time 6-15 min

Gas LPG/CNG

Rated Voltage
220 V

Rated Power
450 W

Combustion Chamber
Venturi-Premixed Fire Row

Electrical

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

Rated Power
5000 W

Heater
Multiple-Unit Heating Wire

Full load current
7.2 A

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 | 5000 W 380 V / 220 V
Gas 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

4

 Heating

Combustion Chamber
Venturi-Premixed Fire Row

Gas Source
Gas (LPG | LNG)

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

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

3

 Cooling

5

 Hot air



Gas LPG/CNG

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)

Batch Size 0.5 - 2 kg
37 kg (chaff collector)

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 Without chaff bucket
300 x 310 x 1110 mm 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 | LNG)

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

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/CNG

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

350 x 285 x 1500 mm

Without
chaff bucket

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 | LNG)

Gas Consumption

0.12 - 0.258 m³/h | 0.24 - 0.516m³/h

LPG

LNG

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/CNG

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 | LNG)

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

— LPG — LNG

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

— LPG — LNG

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

Purification efficiency
>95%

3

Other

Roasting Mode Power
60 W

Rated Voltage
200 V

Rated Frequency
50/60 Hz



| Max Capacity

3 kg/min

HB-QS3
Destoner

Appearance

1

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

Appearance

1

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

Other

3

Rated Voltage
220 V 50 Hz

Rated Power
370 W

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



| Output

150 - 250 kg

HB-CS100
Color Sorter Machine

Appearance

1

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