

Gas LPG/CNG

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 <sup>(LxWxH)</sup>  
1250 x 500 x 750 mm

Package Size <sup>(LxWxH)</sup>  
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 m<sup>3</sup>/min

Cooling Duct Diameter  
80 mm

# 4

 Heating

Combustion Chamber  
Venturi-Premixed Fire Row

Gas Source  
Gas (LPG | LNG)

Gas Consumption  
0 - 0.132 m<sup>3</sup>/h | 0 - 0.198 m<sup>3</sup>/h  
LPG LNG

Gas Supply Pressure  
4Kpa

Heater  
Multiple-Unit Heating Wire

Elec  
Rated Power  
4.5 KW

Control

Electronic air pressure  
variable adjustment

Hot Air Fan Discharge  
3.9 m<sup>3</sup>/min

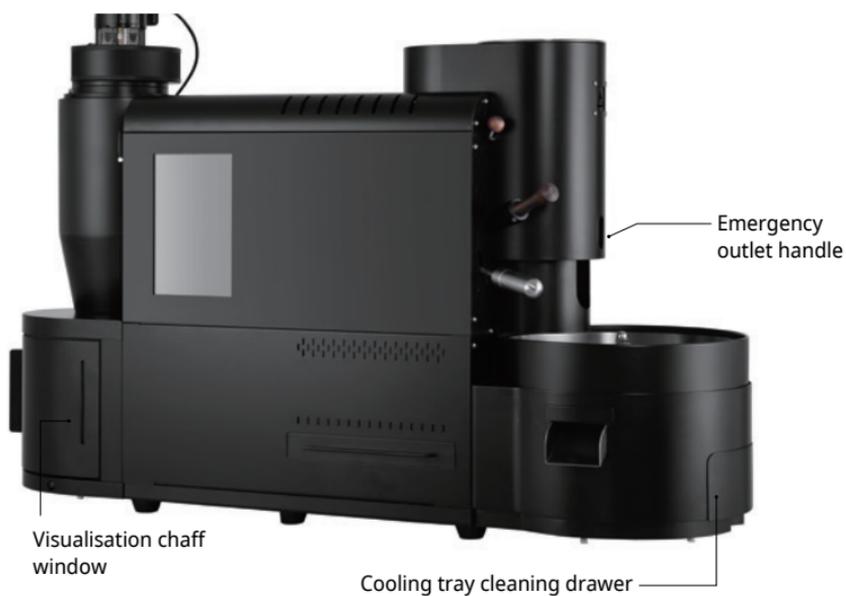
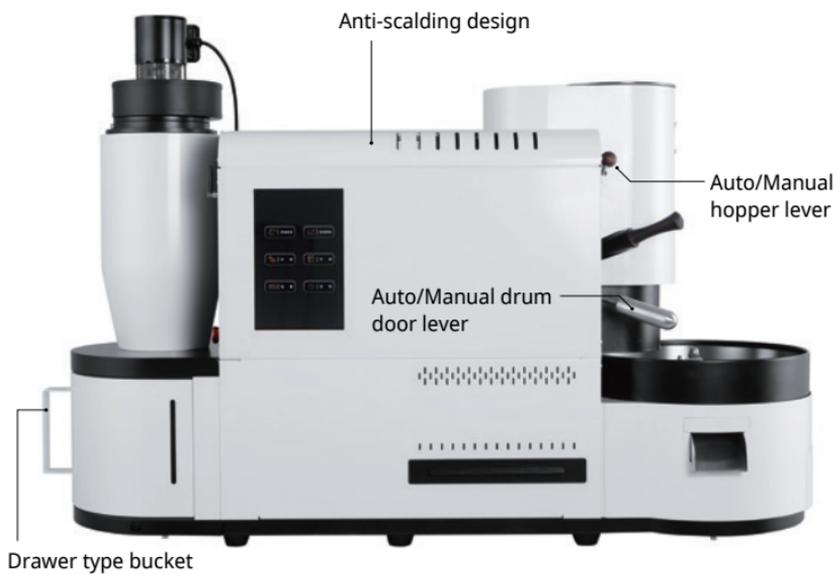
Hot Air Duct Diameter  
80 mm

# 3

 Cooling

# 5

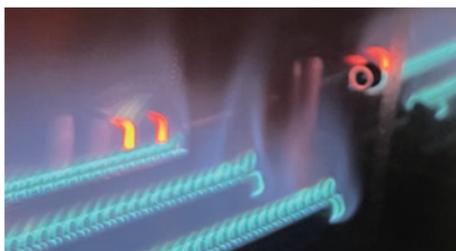
 Hot air





### 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:	00:09 / 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

过程

时间	豆温	ROR	热风温	出风温	环境温	火力	热风	液量	标记
00:00	171.5°C	4.1°C/...	205.7°C	191.6°C	189.2°C	0.0	60.0	70	液量值已...
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	112.6°C	7.0°C/...	241.9°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.

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/CNG

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	Data Output
white	USB & HDMI
Screen	Weight
13.3" HD display	550 kg
System	Display
iHB	Four-way temp display
	Air pressure
Batch Size	Gas pressure
3 - 8 kg	

### Rated Power & Voltage

1600 W 220 V	18400 W 380 V
Gas	Elec

Rated Current	Exhaust
[Elec]	Hot air   Cooling
30 A	separate duct

### Machine Size <sup>(LxWxH)</sup>

2280 x 1000 x 1850 mm

### Package Sizer <sup>(LxWxH)</sup>

2680 x 1140 x 2080 mm

# 2

## Heating

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

Gas Source  
Gas (LPG | LNG)

Gas Consumption  
0.28 - 0.86 m<sup>3</sup>/h | 0.57 - 1.70m<sup>3</sup>/h  
LPG LNG

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 m<sup>3</sup>/min

Hot Air Duct Diameter  
150 mm

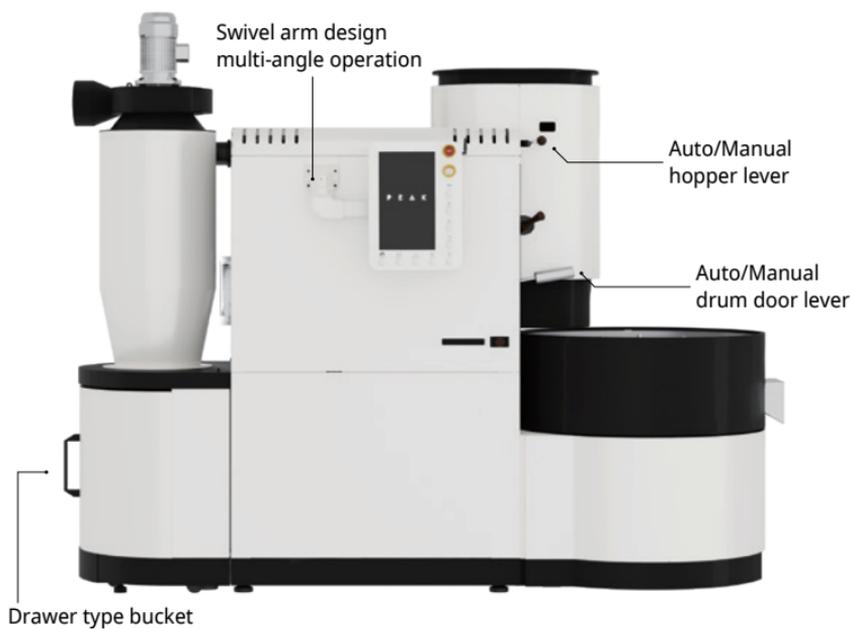
Type  
Stirring Cooling

# 5

 Cooling

Cooling Fan Discharge  
30 m<sup>3</sup>/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.

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<sup>(LxWxH)</sup>  
460 x 400 x 840 mm  
670 x 560 x 650 mm

Machine Size

Package Size

## Other

# 3

Rated Power  
1100 W

Three-phase Voltage  
220 V

## 2 Feeding

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 <sup>(LxWxH)</sup>  
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

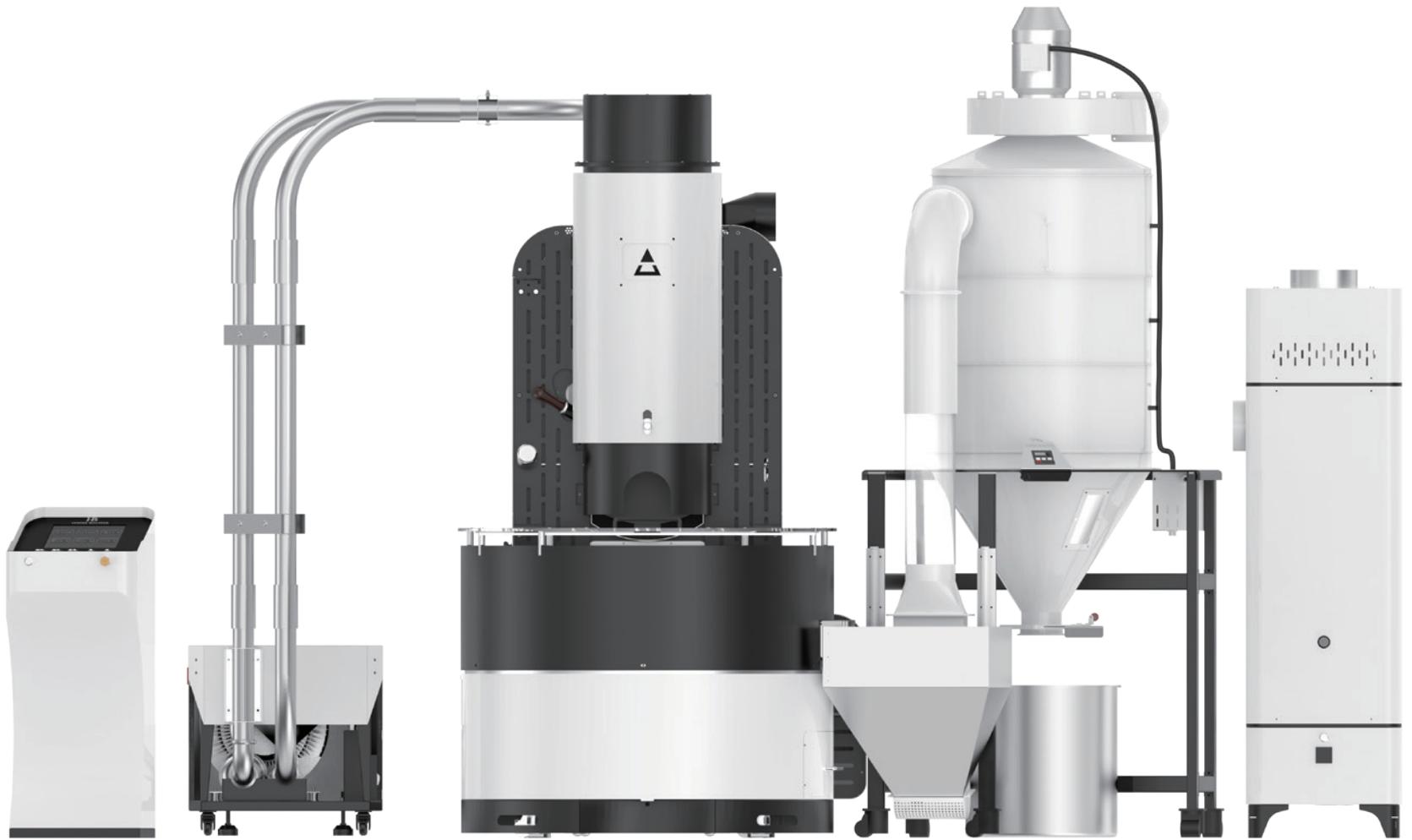
Fuel Connection  
DN15

Gas Consumption  
0 - 2.6m<sup>3</sup>/h | 0 - 1.8 kg/h  
— LNG — LPG

Air-in Tube  
150 mm

Exhaust Tube  
200 mm





Gas LPG/CNG

Convection heating

Batch Size 6-30kg

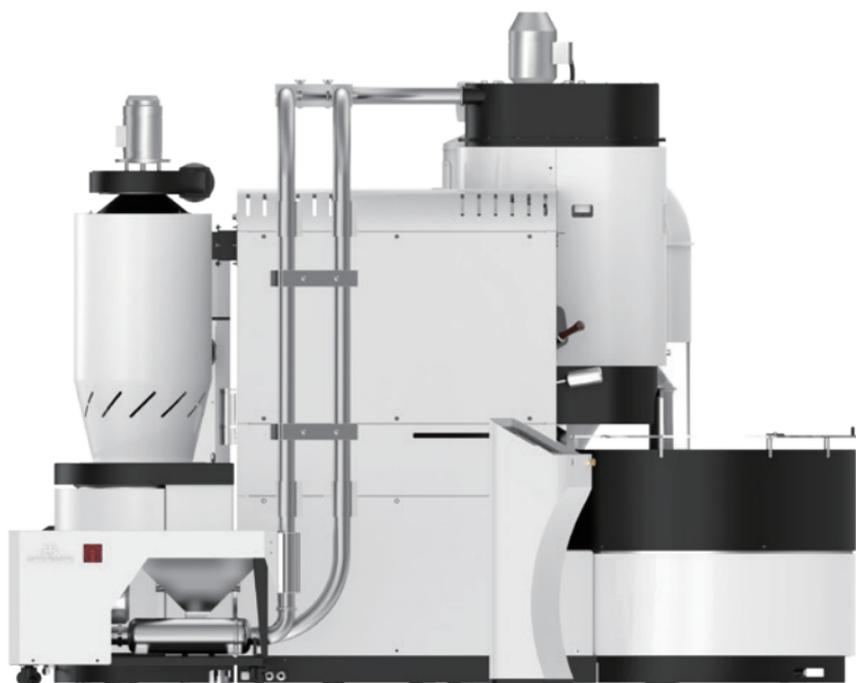
| Rated Voltage  
220 V

| 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	Exhaust Hot air   Cooling separate duct
Rated Power 3500 W 220 V	
Machine Size <sup>(LxWxH)</sup> 2300 x 1210 x 2200 mm	Without chaff bucket
3000 x 1210 x 2200 mm	Including chaff bucket
Dimensions Of Console <sup>(LxWxH)</sup> 400 x 360 x 980 mm	
Package Sizer <sup>(LxWxH)</sup> 2350 x 1150 x 2250 mm	

# 2

## Heating

Combustion Chamber  
Venturi-Premixed Fire Row

Gas Source  
Gas (LPG | LNG)

Gas Consumption  
0 - 4.0 m<sup>3</sup>/h | 0 - 5.2 m<sup>3</sup>/h  
└─ LPG ─┘ └─ LNG ─┘

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 m<sup>3</sup>/min

Hot Air Duct Diameter  
150 mm

# 4

## Hot air

Type  
Stirring Cooling

Cooling Fan Discharge  
21 m<sup>3</sup>/min

Cooling Duct Diameter  
200 mm

# 5

## Cooling

PEAK-TS30  
Green Coffee Conveyor

| Feeding Capacity | Feeding Speed

30 kg

60 kg/min



## Appearance

# 1

Color  
white

Feeding Capacity  
30 kg

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

Dimensions<sup>(LxWxH)</sup>  
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

## Feeding

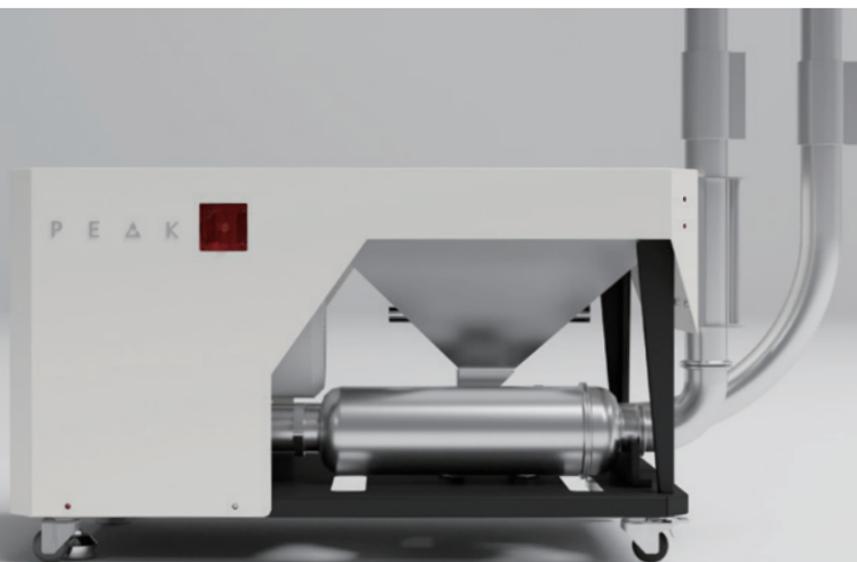
# 2

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



# 1

## Appearance

Color  
white

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

Dimensions <sup>(LxWxH)</sup>  
470 x 470 x 1650 mm — Machine Size  
690 x 690 x 1850 mm — Package Size

# 2

## Burner & smoke extraction

Control Method  
Roaster Linkage Control

Gas Pressure  
4 Kpa

Fuel Connection  
DN15

Gas Consumption  
3.5 - 7m<sup>3</sup>/h | 3 - 6 kg/h  
— LNG — LPG

Air-in Tube  
150 mm

Exhaust Tube  
200 mm

## Other

# 3

Power  
100 W

Voltage  
220 V



| 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	

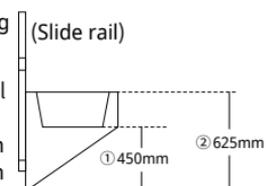
## Other



Dimensions Of Feeding Hopper

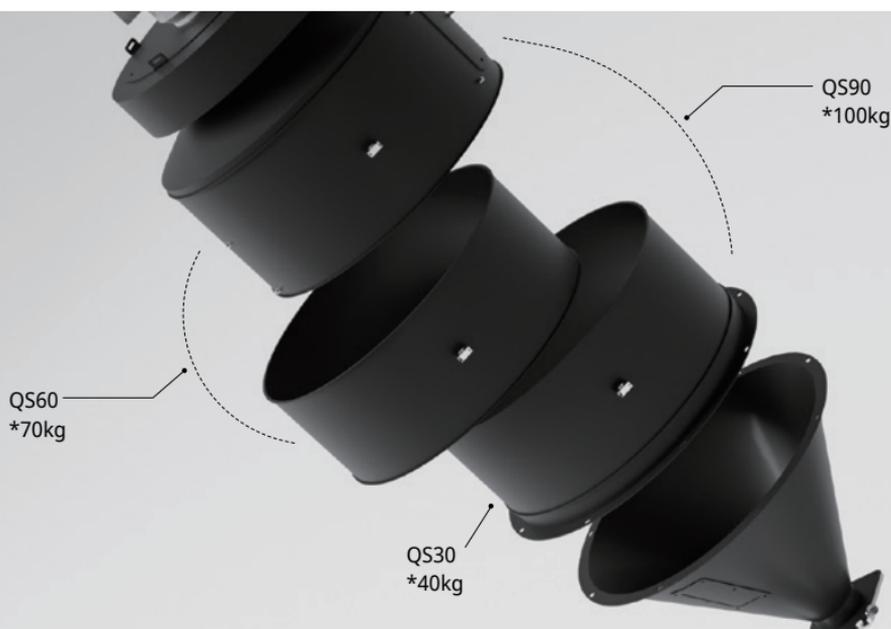
Adjusting the slide rail allows:

- 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 m<sup>3</sup>/min



# 2025 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

