

# ROASTER SPECIFICATIONS

## 500G GAS COFFEE ROASTER



### Current Certifications



## Dimensions

Roaster Dimensions (L x W x H)	38 x 19 x 23.5 in (965 x 483 x 597 mm)
Roaster Weight	77 lb (35 kg)
Chaff Collector Dimensions (Dia. x H)	7 x 13.8 in (178 x 351 mm)
Chaff Collector Weight	N/A
Crate Dimensions (L x W x H)	46 x 30 x 27 in (1168 x 762 x 686 mm)
Crate Weight	215 lb (98 kg)
Drum Thickness	0.2 in (4 mm)
Drum Diameter/length	5.9 / 6.4 in (150 / 163 mm)
Drum Construction	430 Stainless Steel, Welded
Cooling Tray Diameter	10 in (254 mm)
Cooling Tray Stirring Arm Length	N/A

## Capacity / Output

Batch Size	100g - 600g
Average Roasting Time	15 minute batch
Production	4.4 lb/hr, 35.3 lb/day (2 kg/h, 16 kg/day)

## Power

Roaster Voltage/Frequency	Single phase phase 220v, 15 amp service 50-60Hz
Step-up Transformer	120v to 220v, 750w
Drum Motor	15w
Exhaust Fan Motor	50w
Exhaust Fan Max Airflow	70 m3/h
Cooling Fan Motor	38w
Cooling Tray Stirring Motor	N/A

## Gas

Heating Mode	Natural Gas -or- Propane
Max BTU	10,000
Burner Control	Manual Valve
Gas Connection	3/8" NPT
Gas Pressure (inches of water column)	6" minimum - 12" maximum
Typical Chaff Collector Exhaust Temp	300F
Recommended Temp Controller Limit	455F (about 30 seconds into rolling second crack)
Max Gas Usage	0.4 lb/hr (0.2 kg/h)

## Data Logging

USB Logging Interface	Phidget 1048
Logging Thermocouples	BT, ET