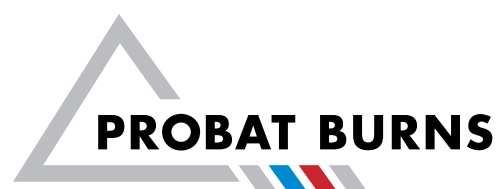
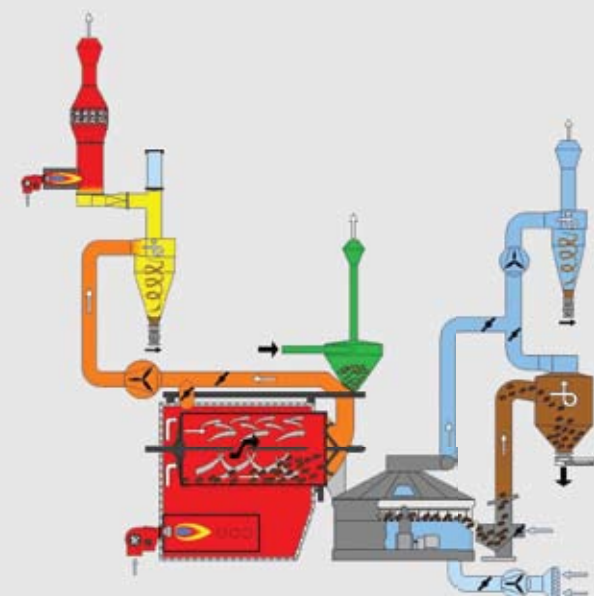




**The R series commercial coffee roasters are extremely reliable and flexible. Each roaster is available in both recirculating and non-recirculating models.**

## FEATURES & BENEFITS

- Solid roasting drum, special paddle mixer and ideal drum diameter-to-length ratio to ensure optimal blending, consistent roasting and scalability
- Double-walled roasting cylinder with solid back plate and front door to retain heat
- Recirculating model available for energy savings, reduced emissions, lower roasting temperatures and improved process control
- Manual or profile roasting controls
- Analog dampers and burner controls to permit a wide range of temperatures and air flow rates during roasting
- Large cooling sieve for rapid cooling
- Gas and propane heating options available to complement your existing infrastructure
- Designed for easy maintenance
- Durable construction for exceptionally long roaster life
- Built-in fire suppression system for roaster, cooler and hot cyclone
- Sight glass, sampler and bean thermocouple for continuous monitoring
- Several pollution control options
- Optional feed-forward controls for batch size flexibility
- Optional online moisture analysis and quench control to achieve desired moisture content



Roast Assured.™

## TECHNICAL SPECIFICATIONS

NON-RECIRCULATING	R1000	R1500	R2000
<b>Capacity</b>			
Capacity per batch	364 lbs (165 kg)	551 lbs (250 kg)	728 lbs (330 kg)
Capacity per hour	2,205 lbs (1,000 kg)	3,307 lbs (1,500 kg)	4,409 lbs (2,000 kg)
Dark roast capacity per hour	1,764 lbs (800 kg)	2,646 lbs (1,200 kg)	3,527 lbs (1,600 kg)
<b>Electrical Power</b>			
Electrical connected load	33 KVA	36 KVA	52.5 KVA
Energy consumption per 220 lbs (100 kg) green coffee*	126 MJ Heating < 1 KWh Current	126 MJ Heating < 1 KWh Current	126 MJ Heating < 1 KWh Current
<b>Dimensions</b>			
Height	11' 7"	12' 2"	12' 11"
Width	8' 6"	12' 7"	14' 4"
Depth	17' 10"	18' 4"	22' 7"
Weight of roaster	11,640 lbs (5,280 kg)	13,669 lbs (6,200 kg)	17,240 lbs (7,820 kg)
Weight of cooler	1,962 lbs (890 kg)	2,094 lbs (950 kg)	3,131 lbs (1,420 kg)

RECIRCULATING	R1000R	R1500R	R2000R
<b>Capacity</b>			
Capacity per batch	364 lbs (165 kg)	551 lbs (250 kg)	728 lbs (330 kg)
Capacity per hour	2,205 lbs (1,000 kg)	3,307 lbs (1,500 kg)	4,409 lbs (2,000 kg)
Dark roast capacity per hour	1,764 lbs (800 kg)	2,646 lbs (1,200 kg)	3,527 lbs (1,600 kg)
<b>Electrical Power</b>			
Electrical connected load	35.8 KVA	43.7 KVA	61.9 KVA
Energy consumption per 220 lbs (100 kg) green coffee*	110 MJ Heating 1.8 KWh Current	110 MJ Heating 1.8 KWh Current	110 MJ Heating 1.8 KWh Current
<b>Dimensions</b>			
Height	11' 7"	12' 4"	13' 2"
Width	8' 6"	11' 6"	12' 5"
Depth	21' 3"	21' 6"	29' 1"
Weight of roaster	11,971 lbs (5,430 kg)	13,999 lbs (6,350 kg)	17,020 lbs (7,720 kg)
Weight of cooler	1,962 lbs (890 kg)	2,094 lbs (950 kg)	3,131 lbs (1,420 kg)

\*Excluding emission control system

## ROASTER CONSISTS OF

- Cooling tray, cyclone and fan
- Chaff collection cyclone
- Control panel with digital bean temperature indicator

## OPTIONAL COMPONENTS

- Destoner
- Water quench
- Thermal oxidizer
- Catalytic oxidizer
- Pneumatic feeder
- Chaff handling systems

Emissions data available upon request.

## ABOUT PROBAT BURNS

Probat Burns provides a comprehensive range of equipment and support services for roasting and processing coffee and cocoa in small and large batches. The Probat Group is dedicated to exceeding international industry standards of excellence. With more than 250 years of combined industry experience, the engineers and specialists at Probat Burns continue to develop their world-leading expertise in safe, environmentally friendly and consistent roasting technologies so that all our customers roast assured.



Roast Assured.™

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