



The 360 Kilo Millennium Coffee Roaster

Patent Pending

American Made, Hand Built Quality



SPECIFICATIONS

360 Kilo Model (800 lb) Coffee Roaster. Four roasts per hour. Designed for easy operation, low maintenance, and a long lifetime. Your choice of several standard colors, trim types and finishes. Drum liner and baffles are stainless.

Recirculates heat from the afterburner with a new improved and robust design devised to save energy! Includes smoke removal with new heat controls to allow for operation much like a shop roaster! Removes most cooler smoke also.

Easy to operate and to train profiles with upgradeable features including wireless communication, Data logging and PLC.

ULc-508a listed controls.

Pipe Dimensions[2]: Please check for final build!

- Afterburner: 30" ■ Air inlet: 18"
- Heat dump: 18" ■ Cooler cyclone: 18"
- Cooler fan 16,500 cfm ■ Drum Fan 6000 Cfm

- 360kiloMill Gas 3-Phase / 208V / 150 amps
- 360kiloMill Gas 3-Phase / 480 V / 80 amps

NEW FOR 2022! Stainless cooler liner, magnehelic gauges for air flow and gas pressure, digital environmental air temp gauge, and air dampener control at NO CHARGE. Recirculates clean heat.

FRAME

- Heavy-duty stainless steel drum, cooler screen, and cooler liner
- Double insulated housings. Roaster Body is never HOT.
- Easy to service roaster fan and separate fan for cooler
- Industrial gear drives for smooth operation of drum and cooler stirrer, with no bulky belts or noisy chains.
- Equipped with heavy duty direct drive steel-cooling fan.
- Heavy-duty motors with UL 508-A approved industrial control system and motors, adjustable overloads and contactors.
- Adjustable legs for ease of movement and cleaning
- Easy to adjust housing for the main drum bearing in designed to keep the bearing cooler and lubricated
- Grooved faceplate to seal drum for less product loss
- Water jet and precision milled steel parts made in-house

OPERATION

- 24 volt operator controls for safe operation. Low Temp on Body.
- Even and accurate heat controls;
- Full Ratio Control of power burners for even heating
- Free Standing cyclonic chaff collector.
- Standard lighted push button on-off switches, motor starters and overloads with fault protection.
- Multiple gas gauges provided for incoming gas pressure and outgoing gauge at gate valve to adjust burner output.
- Touch Screen Profiler has programmable and digital control
- All models include digital bean probe with controller and alarm and environment temp gauge
- **PLC Controls** will allow more information to be picked up on condition of many of the drives and motor relays on the Roaster, New Graphic Touch Screen interface

[1]Allow 18" clearance minimum for service. Dim's are estimated.

[2] Use Class A type positive pressure piping

[3] **Special note for Propane or bottled gas.** it is highly recommended for your safety that you purchase a quality propane regulator from a Professional source. You must have the correct regulator for the type of supply that you are connecting the roaster to. Changing supply type can or not having the regulator set to the pressure needs of the roaster or the source can be safety hazard and also damage the roaster. If you have needs for regulator please contact one of our Engineering staff for the correct one.

US Roaster Corp

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American Made, Hand Built Quality**Model**

- 360-Kilo Touchscreen Model 10" color with 999 recipe Burns Drum and Cooler Smoke!!! Price \$848,500
- With Destoner and Loading table Price \$898,250

Automation Options

- Semi-automation (automatic roaster door and auto profile start) included
- Full automation (door control system and stack light system)
- Large PLC memory for 999 profiles
- Wireless touchscreen to connect to iPhone/iPad / included
- Air gates cooler discharge and green bean hopper / included

Aesthetic Options

- Stainless cooler Included
- Smooth or dimensional stainless or hammered copper drum wrap
- Dimensional patterned stainless drum wrap
- Hammered copper cooler wrap

Aesthetic Options (continued)

- Pin striping
- Two tone paint included
- Clear coat over paint with metal flake
- Chrome bean chute
- Chrome face plate

Operational Options

- NC Maintenance hour meter
- NC Automatic quenching for drum or cyclone
- NC Bean light
- NC Install extra bean thermocouple for customers data logger
- NC Phidget with USB connection and two thermocouples installed
- Flow meter on water quenching
- Cooler Stirrer Speed
- Cleaning kit
- NC Roaster controls on control head
- NC Magnet in cooler discharge
- Eclipse or Maxon Power Burner Unit

About Us. The U.S. Roaster Corp. is famous for producing the world's finest roasters that create the best roasted coffee. Partnering with specialty coffee roast masters world-wide we have developed a roaster of superior design, unmatched quality, great reliability, and ease of use. Our Millennium line of roasters provide the roast master with unlimited profile capabilities and unparalleled roast quality. By the second crack you will know why the "Quality of the Roast" comes first at U.S. Roaster Corp.

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