



The 60-Kilo Millennium Coffee Roaster

Patent Pending

American Made, Hand Built Quality



SPECIFICATIONS

60 Kilo Model (132 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.

- Weight: 3150 lbs
- Total Dimensions¹: 95"x62"x105" (LxWxH)
- Shipping: 2150 lbs
- Cyclone Exhaust: 10" Cooler Exhaust: 8" ²
- 20,000 - 400,000 BTUs adjustable
- Gas Supply: 1" Pipe with Natural at 9" w.c. or Propane at 13" w.c.
- Quenching requires a 3/8th inch water line (for applicable models)

[1] Allow 18" clearance minimum for service. Dimensions do not include chaff collector.

[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.

- 60kiloMill Gas 3-Phase / 208-240 V / 40 amps
- 60kiloMill Gas Single Phase / 208-240 V / 60 amps

NEW FOR 2019! Stainless cooler liner, 4" magnehelic gauges for air and gas pressure, digital environmental air temp gauge, Drum Air has speed drive. Speed control on Drum. Ready for data logging

FRAME

- Heavy-duty stainless steel drum, cooler screen, and cooler liner
- Double insulated housings.
- Easy to service roaster fan and separate fan for cooler
- Removable cooler for easy cleaning with adjustable slip clutch
- 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-c 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.
- Even and accurate heat controls;
- Cast iron rectangular burners with a large venture mixer or power burners
- Free Standing cyclonic chaff collector.
- Standard lighted push button on-off switches, motor starters and overloads with fault protection.
- Two gas gauges provided for incoming gas pressure and outgoing gauge at gate valve to adjust burner output.
- Profiler model has programmable and digital control
- All models include digital bean probe with controller and alarm and environment temp gauge

US Roaster Corp

1530 West Main Street ■ Oklahoma City, OK 73106 ■ Phone: 405.232.1223
 Fax: 405.232.1255 ■ Email: dan@roastersexchange.com



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American Made, Hand Built Quality**Models**

- 60-Kilo Stock Model **\$125,187.00**
- 60-Kilo Standard includes stainless or copper trim **\$126,985.00**
- 60-Kilo Open Frame Model **\$127,950.00**
- 60-Kilo Power Burner "R" Model add \$5,900
- Deluxe model with Standard trim, Loader and Automation that includes the PLC **\$137000.00**
- Base model Smart Afterburner with Roaster **\$19,500.00**
- Add PLC semi auto to non PLC \$8500.00**

Add-ons

- Touchscreen Profiler with color screen
- Fingertip control
- Roast Helper Option**

Touchscreen Profiler Options

- Semi-automation with automatic roaster door and auto profile start
- Full automation comes with door control system and stack light system
- Large PLC memory for 999 profiles
- Wireless touchscreen to connect to iPhone/iPad
- 10 in color display (6 in mono comes standards)
- Flow meter on water quenching
- Air gates on cooler discharge or green bean hopper

Aesthetic Options

- Air operated roaster door with override and auto discharge (non PLC)
- Polished stainless cooler
- Smooth or dimensional stainless or hammered copper drum wrap
- Dimensional patterned stainless drum wrap
- Hammered copper cooler wrap
- Pin striping
- Two tone paint
- Clear coat over paint with metal flake
- Chrome bean chute
- Chrome face plate
- Custom paint color

Operational Options

- Maintenance hour meter
- Digital roast timer
- Environmental air temperature with digital read-out
- Automatic quenching for drum or cyclone
- Bean light
- Install extra bean thermocouple for customers data logger
- Phidget with USB connection and two thermocouples installed
- Drum speed control
- Cooler Stirrer Speed
- Cleaning kit
- Roaster controls on control head
- 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.

Free One-on-one training session is provided in Oklahoma City!

Contact us for information

1530 West Main St.
Oklahoma City, OK. 73106
405.232.1223.

dan@roastersexchange.com
www.usroastercorp.com

All local codes to be followed on install.

We reserve the right to make changes due to ongoing improvements.

60K Roaster Footprint P 60K Roaster Footpri

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Fit to page Page view Read aloud Add notes

CUSTOMER SUPPLIED

CUSTOMER SUPPLIED DISCONNECT BOX

PRESSURE VALVE

PRESSURE GAUGE

AIR SUPPLY

WATER SUPPLY

ELECTRIC

WATER HOSE

012,000 CYCLONE EXHAUST

45,000

HOPPER

056,000 GREEN HOPPER

10,000" COOLER EXHAUST

48,000 COOLER DIAMETER

102,000

45,625 ROASTER FRAME

83 ELEVATOR

NOTES:
1. ALL DIMENSIONS ARE APPROXIMATE.

Connections:
1. 1/4" - Air Pneumatics
2. 3/8" - Water Quench

ELEVATOR IS OPTIONAL

120,000

89,000

FRONT VIEW

TDP VIEW

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roaster 60k 90k cool

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CHAFF DOOR

BURNER

Y GATE

10" COOLER EXHAUST

90K COOLER

VACUUM LOADER

DESTONER

USRC 60K ROASTER

90K COOLER

COOLER BY PASS TO OUTSIDE

AFTERBURNER EXHAUST TO OUTSIDE

219,000

135,000

139,000

145,000

120,000

19,637

10"

12"

18"

57,000

44,000

98,000

72,000

12,000

19,000

DESTONER SIDE VIEW

DESTONER END VIEW

ROASTER ASSEMBLY FRONT VIEW

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