



# The 3-Kilo Millennium Coffee Roaster

*American Made, Hand Built Quality*



## Product Announcements

**NEW FOR 2023!** Stainless Slip clutch for Cooler safety in all models .cooler liner, 4"magnehelic gauges for air flow and gas pressure, digital environmental air temp gauge, and air dampener control at NO CHARGE. Easy service Electric Heater, Improved quiet gear drives and mounts. Drum Speed Drive Set up for data logging!

**NEW Microcontroller touchscreen profiler model** with real-time graphing and an easy to use interface!

## ALL MODELS INCLUDE

- Heavy-duty stainless steel drum, cooler screen, and cooler liner
- Easy to service roaster fan
- Removable cooler for easy cleaning
- Direct drive industrial motors on drum, exhaust fan, cooling fan and stir motor
- Heavy-duty motors with UL 508-A approved industrial control system adjustable overloads and contactors.
- Adjustable legs for ease of leveling
- Safety Clutch system on cooler, no danger of injuries

## SPECIFICATIONS

3 Kilo Model (7.5lb) 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: 450 lbs.
- Total Dimensions<sup>1</sup>: 24"x43"x53" (LxWxH) add 14" in length if you use the external cyclone.
- Shipping: 600 lbs 42"x52"x55" (LxWxH)
- Piping<sup>2</sup>: 4-6" Stainless or Class A
- Gas model averages about 15,000 BTUs with a
- Gas Supply: Nat'l Gas minimum 7" w.c.  
Propane or Propane Butane mix 14" w.c.
- USRC designed with highest quality parts and best metals, supported by the people that designed it for roasting award winning coffee.

[1]Allow 18" clearance minimum for service

[2]Vent Class A 4" pipe can also be used with 6" please order the roaster for the vent size needed.

[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.

## OPERATION

- 24 volt operator controls for safe operation.
- Even and accurate heat controls;
- Cast iron rectangular burners or industrial electric elements with full 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 four inch outgoing gauge at gate valve to adjust burner output.
- Profiler model has programmable and digital control
- All models include digital bean probe and air temperature with controller and alarm and environment temp gauge
- Free Training in OKC, Live Tech Support!
- We offer several different upgrades for amassing automation
- UL-508a industrial listing



# The 3-Kilo Millennium Coffee Roaster

Patent Pending

3-Kilo Stock Model (up to 7.5lbs) Starting at \$18,980  
Includes:

- Push Button Controls
- Data logging Bridge
- 4" Easy to see magnetic gauge for Burner Pressure and air flow Readings
- Digital Air Temperature Readout
- Drum Speed Control
- Manual hand operated air dampener with indented lever
- chaff collector
- End of roast alert Buzzer, Safety Slip Clutch on cooler

3-Kilo Standard Starting at \$19,875  
Stock options as well as

- Stainless or Copper Drum and Cooler wraps
- Bean light

3 Kilo Deluxe Starting at \$27,950  
Stock/Standard options as well as

- 8" Color Display PLC with automated drum door
- Profiling

3 Kilo Micro profiler Starting at \$22,937  
Stock/Standard Options as well as

- Micro Controller Based Touchscreen
- Auto dump Door actuator

Available in Total Electric ( 50 amps 220)  
or Natural gas/Propane

- Microcontroller Based Touchscreen profiling
- Semi automatic
- Fingertip control

Aesthetic Options

- Polished Stainless Cooler
- Hammered Copper Cooler Skin
- Stainless Drum wrap
- Hammered Copper Drum Wrap
- Two Tone Paint
- Metal Flake Clear coat
- Custom Paint Color

Operational Options

- Auto Dump Door with override (Non-PLC)
- Automatic Drum and/or Cyclone Quenching
- Hour meter
- Roast timer
- Bean Light
- Variable Speed Fan
- Cooler Discharge Magnets
- Add Additional solid state control on roasting Fan \$400.00 (Roaster will have dual air flow to allow drying process)

Electrical Options

- 120v (20 Amps)
- 208-240v (10 amps)

**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

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All local codes to be followed on install.

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

## US Roaster Corp

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