The 12-Kilo Millennium Coffee Roaster

Patent Pending

American Made, Hand Built Quality



☐	12kiloMill Gas	3-Phase / 208-240 V / 15amps
☐	12kiloMill Gas	Single Phase / 208-240 V / 20amps
☐	12kiloMill Electric	Single Phase /208-240 V / 120 amps
☐	12kiloMill Electric	3-Phase / 208-240V 75amps / 380V 50 amps / 480V 40 amps

NEW FOR 2020! Stainless cooler liner, 4" magnehelic gauges fidget installed for data logging, digital environmental air temp gauge, and Magnetics in Cooler discharge , Bean light with Drum Speed Drive.

SPECIFICATIONS

12 Kilo Model (30lb) Coffee Roaster. Four Med roasts per hour. Designed for easy operation, low maintenance, and a long lifetime. Your choice of several standard colors, trim types and finishes.

- Weight: 1350 lbs with professional Cyclone.
- Total Dimensions[1]: 71"x31"x71"(LxWxH)
- Cyclone Exhaust: 6" Cooler Exhaust: 5" [2]
- 10,000—90,000 BTUs adjustable
- Gas Supply: 3/4" Pipe with Natural at 9" w.g. or Propane at 13" w.g.
- Quenching requires a 3/8th inch filtered water line (for applicable models)
- Open Frame shown above High performance!

FRAME

- Heavy-duty double wrapped and ground stainless steel drum,
- Double insulated housings. Adjustable housing for drum bearing
- Easy to service roaster fan and fast Cooling with dedicated fan.
- Removable cooler for easy cleaning with adjustable slip clutch
- Industrial gear drives for smooth operation of drum and cooler stirrer, no bulky belts or noisy chains. Super Quiet Operation
- 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.
- Even and accurate heat controls;
- Heavy duty burners with a large venture mixer or industrial electric elements, Safety Slip Clutch on cooler no need for cover
- 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 8" color.
- All models include digital bean probe with controller and alarm and environment temp gauge, Fan suction manometer

[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.

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The 12-Kilo, 30 pound Millennium Coffee Roaster

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American Made, Hand Built Quality

Models

- ☐ 12-Kilo Stock Model fully equipped ready to roast $39,995
- ☐ 12 kilo Stock with Micro automation/profiling $41,950
- ☐ 12-Kilo Standard Model includes polished Stainless Drum and Cooler or in patterned Copper and bean light $40,957
- ☐ 12-Kilo Open Frame Model includes fan speed $40,950
- ☐ 12-Kilo Deluxe Model includes automation and 8" touch screen profiling and Standard model options $47,550

Add-ons

- ☐ Touchscreen Profiler
- ☐ Semi-Automatic
- ☐ Fingertip control add $900
- ☐ Roast Helper Option

Touchscreen Profiler Options

- ☐ Large PLC memory for 999 profiles
- ☐ Wireless touchscreen to connect to IPhone/IPad
- ☐ 10 in color display standard
- ☐ Operation of Afterburners, destoners and other equipment
- ☐ Air gates on cooler discharge or green bean hopper

Additional Options

- ☐ Electric roaster door with override and auto discharge (non PLC)
- ☐ Stainless polished cooler

Additional Options (continued)

- ☐ 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
- ☐ Maintenance hour meter
- ☐ Digital roast timer
- ☐ Environmental air temperature with digital read-out
- ☐ Automatic quenching for drum or cyclone
- ☐ Chrome bean chute
- ☐ Chrome face plate
- ☐ Bean light (110 V only)
- ☐ Drum speed control
- ☐ Custom paint color
- ☐ Cleaning kit
- ☐ Roaster controls on control head
- ☐ Magnet in cooler discharge
- ☐ Destoner
- ☐ Afterburner / Several types including Catalytic.

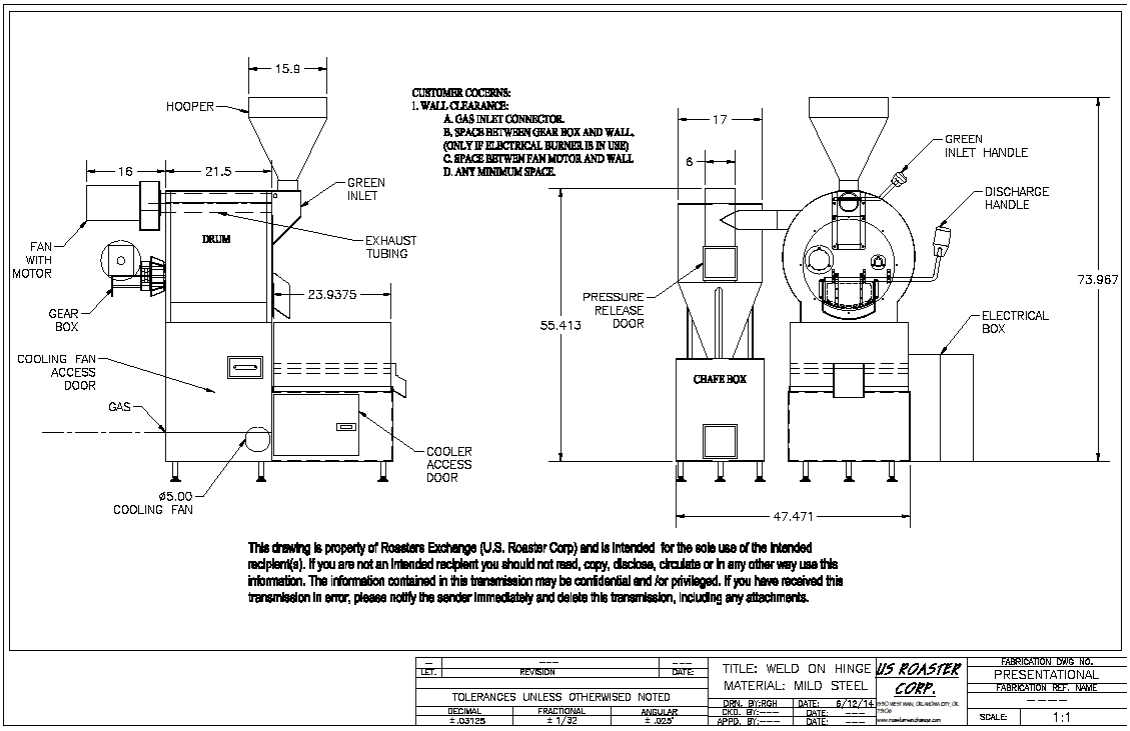
About Us. The U.S. Roaster Corp. is famous for producing the world's finest roasters that create the best roasted coffee. Partnering with specialty coffee roast masters world-wide we have developed a roaster of superior design, unmatched quality, great reliability, and ease of use. Our Millennium line 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.

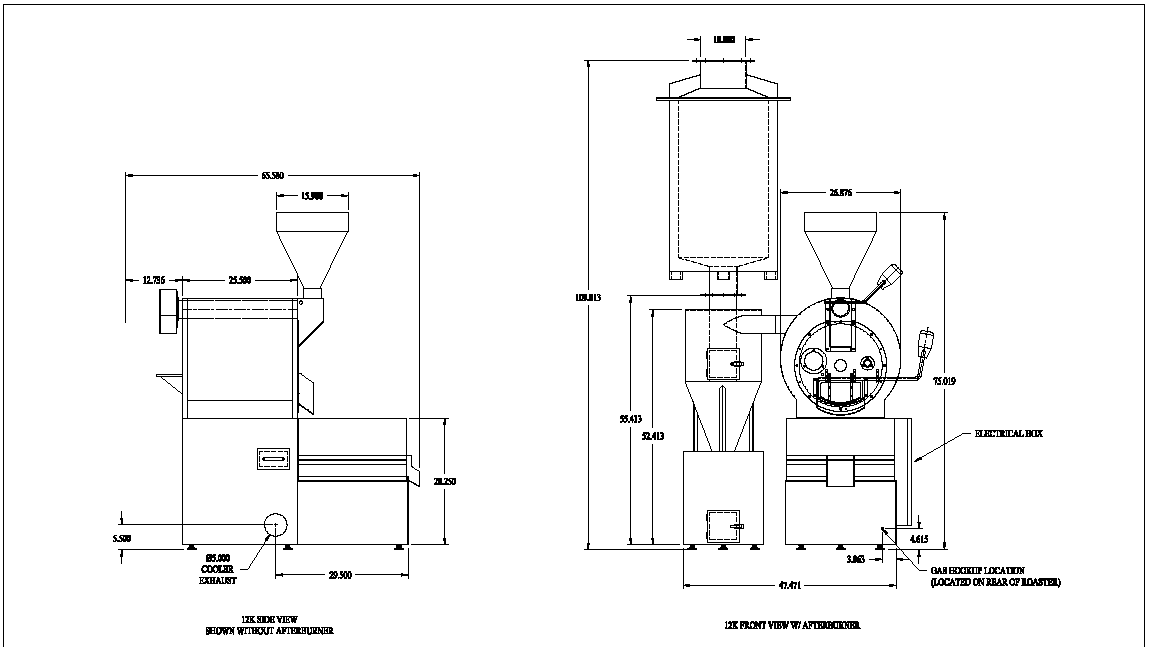
Free One-on-one training session is provided in Oklahoma City!

Contact us for information

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Oklahoma City, OK. 73106
405.232.1223.
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www.usroastercorp.com

All local codes to be followed on install.
We reserve the right to make changes due to ongoing improvements.
Please ask us for disconnect and fuse sizing





Afterburner's and set are often custom designed for Customer needs please double check prints and get an "as built" Drawing for your planning