



LORING™ S70 PEREGRINE™

Convection Drum Roaster with Paddle Stirring

- Benefits Include:
 - » Very low oxygen roast atmosphere protects natural flavors
 - » Smokeless, odorless exhaust during roasting*
 - » High-speed cooling tray and air cool system
 - » Profile Roasting: Unlimited number of profiles can be captured during roasting or manually created; precise tracking of profile curve
- Capacity: 70 kg green coffee beans per batch
- Controls: Touch screen and PLC provide precise operation of burner and fan speeds
- Communications: Download roast data and upload software updates via internet; remote control roasting via laptop, tablet or smart phone
- Fuel: Natural or propane gas
- Roast Time Range: 10 to 16 minutes (typical)
- Safety Features: Self-cleaning roast chamber and exhaust stack; water quench into cyclone and chaff barrel
- Rugged stainless steel construction, superior motors, drives and controls throughout for low maintenance and long life
- Automatic green drop and auto-discharge door standard with manual override switch
- Automatic green bean vacuum loader with green dust collection system and rolling green bean cart with scale
- Footprint: 87.8 ft² (8.1 m²)
(136" deep x 93" wide/345 cm x 235 cm)

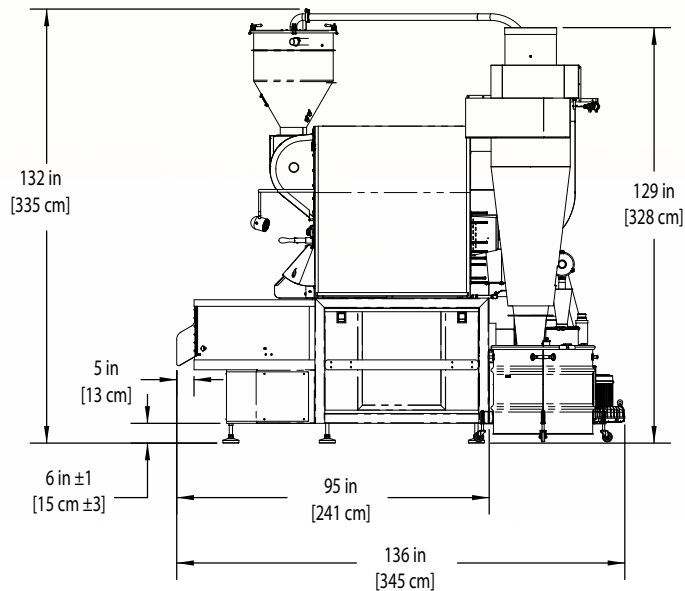
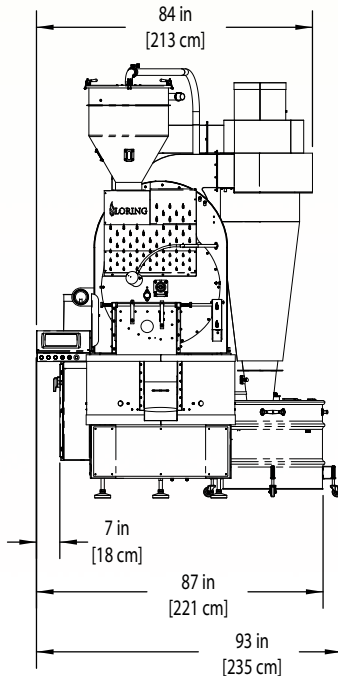
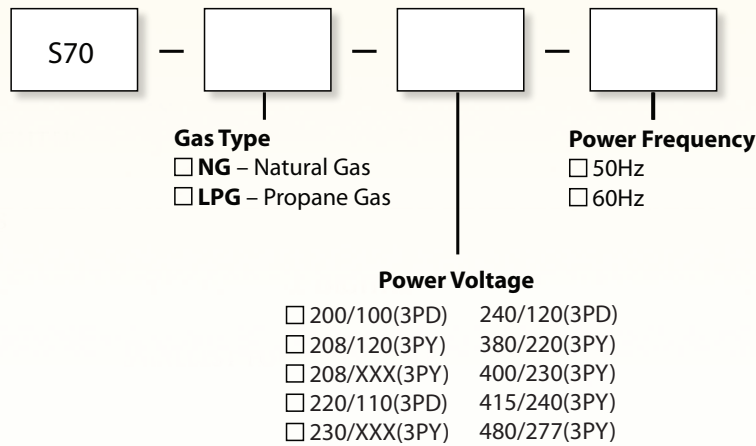


Technical Specifications

Maximum Batch Size	154 lb (70 kg)
Minimum Batch Size	30.8 lb (14 kg)
Nominal Electrical Power	8.6 kW
Peak Electrical Power	17.5 kW
Maximum BTU Rating	620,000 BTU/h (156,000 kcal/h)
Stack Rated Temperature	1,400 °F (760°C)
Stack Max Rated Temp (intermittent).....	1,550 °F (843°C)
Stack Max Flow	107 dscfm (182 dsm ³ /h)
Stack Max Flow (Peak Air Cool).....	950 dscfm (1614 dsm ³ /h)
Stack Duct Diameter (Minimum)*.....	10 in (25.4 cm)

Stack Duct Wall Type: Positive Pressure System with 316 Stainless Steel Liner Recommended	
Cooler Vent Max Flow	2,180 scfm (3704 sm ³ /h)
Cooler Duct Diameter	10 in (25.4 cm)
Water Supply	1 GPM (4 LPM)
Water Pressure	50 psi (345 kPa)
Compressed Air Flow	4 CFM (0.11 m ³ /min)
Compressed Air Pressure	80 psi (552 kPa)
Natural Gas Pressure	4-7 in WC (1.0-1.7 kPa)
Propane Gas Pressure.....	11-13 in WC (2.7-3.2 kPa)
Weight	3,800 lbs (1724 kg)

*Larger stack diameters may be required based upon stack geometry



GREEN BEAN CART NOT SHOWN



Contact Us Today to Experience a Test Roast on a Loring Roaster

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