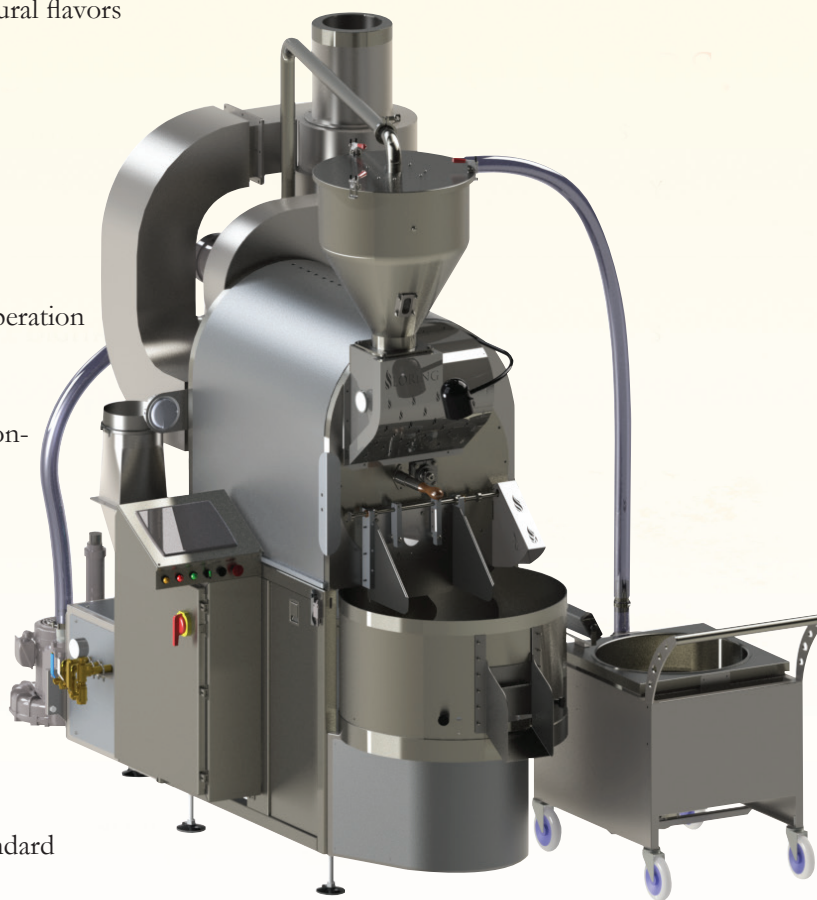




## LORING™ S35 KESTREL™

### 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: 35 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: 49.6 ft<sup>2</sup> (4.6 m<sup>2</sup>)  
(110" deep x 65" wide/281 cm x 164 cm)



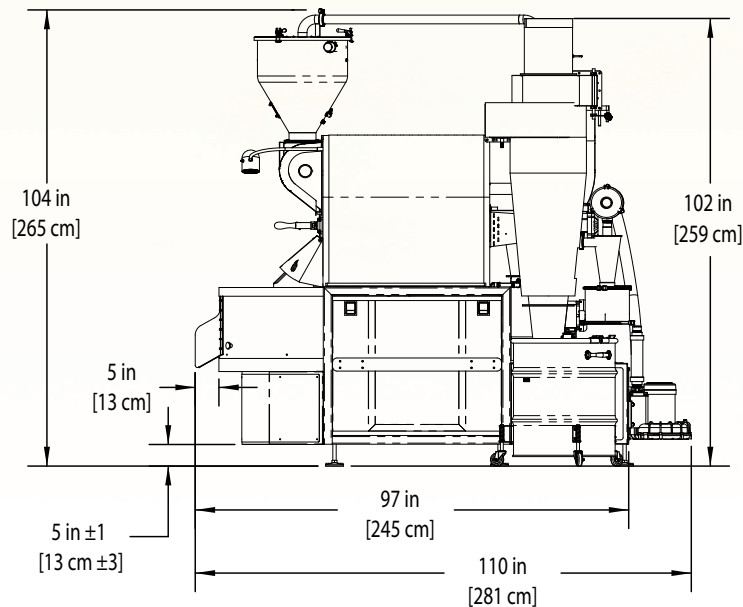
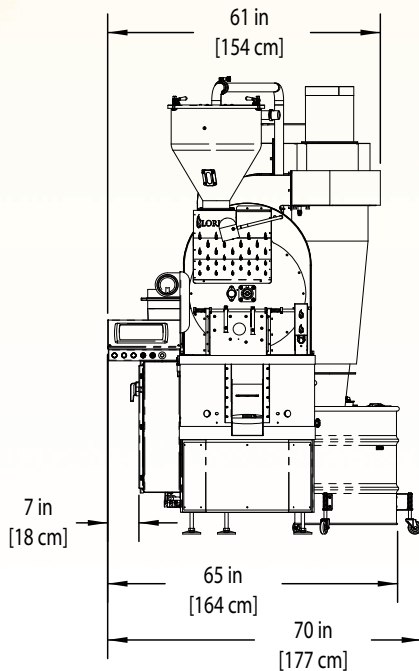
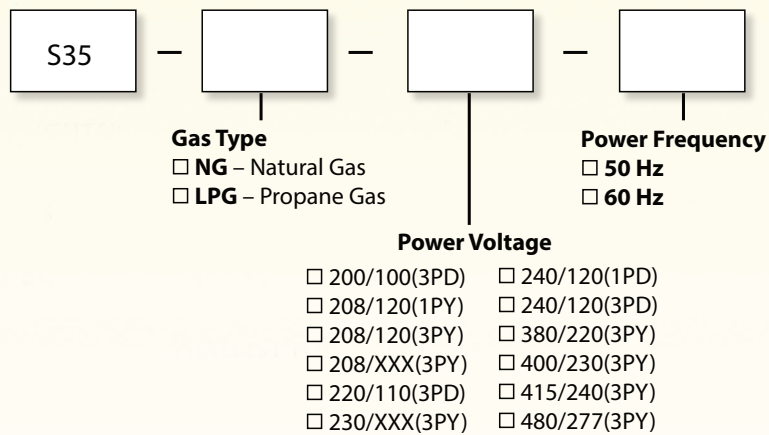
## Roaster Specifications

Maximum Batch Size .....	77 lb (35 kg)
Minimum Batch Size .....	15.4 lb (7 kg)
Nominal Electrical Power.....	3.7 kW
Peak Electrical Power .....	6.6 kW
Maximum BTU Rating .....	300,000 BTU/h (76,000 kcal/h)
Stack Rated Temperature .....	1,400 °F (760°C)
Stack Max Rated Temp (intermittent).....	1,450 °F (788°C)
Stack Max Flow .....	52 dscfm (88 dsm <sup>3</sup> /h)
Stack Max Flow (Peak Air Cool).....	450 dscfm (765 dsm <sup>3</sup> /h)
Stack Duct Diameter (Minimum)*.....	8 in (203 mm)

Stack Duct Wall Type: Positive Pressure System with  
316 Stainless Steel Liner Recommended

Cooler Vent Max Flow.....	1,560 scfm (2650 sm <sup>3</sup> /h)
Cooler Duct Diameter .....	8 in (203 mm)
Water Supply.....	1 GPM (4 LPM)
Water Pressure .....	50 psi (345 kPa)
Compressed Air Flow .....	4 CFM (0.1 m <sup>3</sup> /min)
Compressed Air Pressure .....	60 psi (414 kPa)
Natural Gas Pressure .....	4-7 in WC (10669 kPa)
Propane Gas Pressure.....	11-13 in WC (10724 kPa)
Weight .....	2,100 lb (953 kg)

*\*Larger stack diameters may be required based upon stack geometry*



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

[INFO@LORING.COM](mailto:INFO@LORING.COM)