

LORING™ S15 Falcon™

Automated 15 kg Roaster

INCLUDES

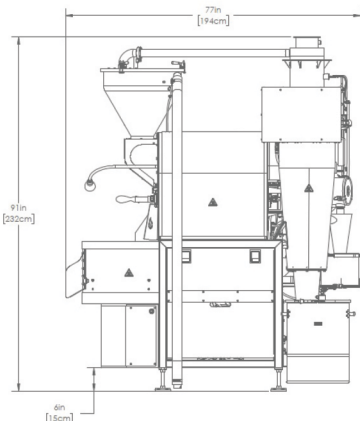
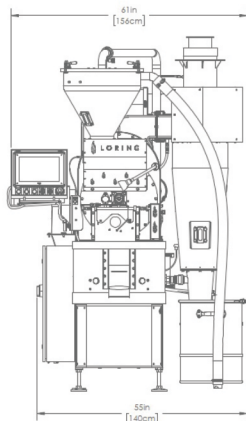
- Touchscreen interface
- Green bean vacuum lift
- Automation software with auto-charge and discharge of beans
- High speed cooling tray with paddle stirring
- 3-15 kg batch capacity

OPTIONAL

- Destoner
- Green bean cart with scale

ROASTER SPECIFICATIONS

Maximum Batch Size	33 lb (15 kg)
Minimum Batch Size	6.6 lb (3 kg)
Nominal Electrical Power ¹	3.26 kW
Peak Electrical Power ²	4.33 kW
Maximum Operational BTU Rating	133,000 BTU/h (34,000 kcal/h)
Maximum Instantaneous BTU Rating	152,000 BTU/h (38,300 kcal/h)
Stack Temp Continuous ³	1,400°F (760°C)
Stack Temp Intermittent ⁴	1,600°F (870°C)
Stack Flow Continuous ⁵	22 dscfm (37 dsm ³ /h)
Stack Max Flow (Peak Air Cool) ⁶	250 dscfm (425 dsm ³ /h)
Stack Duct Diameter (Minimum)*	6 in (152 mm)
Cooler Vent Max Flow	725 scfm (1,230 sm ³ /h)
Cooler Duct Diameter*	6 in (152 mm)
Water Supply (Flow) Minimum	2.5 GPM (9.5 liter/min)
Water Pressure Minimum	40 psi (276 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 ⁷	1,543 lb (700 kg)



* Larger stack diameters may be required based upon stack geometry. ¹ Loring defines Nominal Electrical Power as the power the roaster consumes during typical use. ² Loring defines Peak Electrical Power as the power the roaster will consume if all roaster operations are run simultaneously. ³ Loring defines the continuous temperature rating as the temperature which the machine can reach and maintain when roasting at the high end of its capability. ⁴ Loring defines the intermittent temperature rating as the maximum temperature that the machine cannot exceed during a roast. ⁵ Dry, or water content of the flue removed, under standard pressure and temperature conditions. ⁶ Add Stack Max Flow (Peak Air Cool) and Cooler Vent Max Flow to obtain the total airflow out of the building. ⁷ Uncrated weight. Exact system weight may depend on options selected.

SUPERIOR IS OUR STANDARD.

Engineered for a roasting experience like no other, every Loring machine gives you unmatched quality, unheard-of efficiency, and unparalleled control.



UNMATCHED QUALITY.

- Designed and made in U.S.A.
- Constructed by skilled craftsmen.
- Stainless steel construction.
- ISO 9001:2015 certified.

UNPARALLELED CONTROL.

- Touch screen and PID provide operation of burner and fan speeds.
- Profiles can be saved and repeated consistently.
- Fully automated roasting process.

UNHEARD-OF EFFICIENCY.

- Single burner roasts beans and incinerates smoke.
- High-speed cooling tray reduces cooling time while protecting beans.
- Up to 80% fuel-savings and reduction of greenhouse gases in every roast, compared to conventional roasters.

Contact Us

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SCHEDULE A DEMO OR REQUEST A QUOTE AT LORING.COM



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