



# LORING

The Smarter Way to Roast

## LORING™ S15 Falcon™

Automated 15 kg Roaster

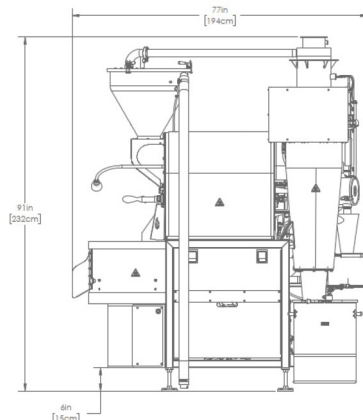
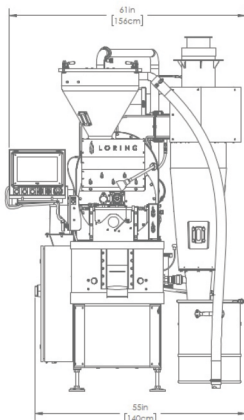


### INCLUDES

- 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             | 3.26 kW                             |
| Peak Electrical Power                | 4.33 kW                             |
| Maximum BTU Rating                   | 133,000 BTU/h (34,000 kcal/h)       |
| Stack Temp Continuous <sup>1</sup>   | 1,400°F (760°C)                     |
| Stack Temp Intermittent <sup>2</sup> | 1,600°F (870°C)                     |
| Stack Flow Continuous                | 22 dscfm (37 dsm <sup>3</sup> /h)   |
| Stack Max Flow (Peak Air Cool)       | 250 dscfm (425 dsm <sup>3</sup> /h) |
| Stack Duct Diameter (Minimum)*       | 6 in (152 mm)                       |
| Cooler Vent Max Flow                 | 725 scfm (1,230 sm <sup>3</sup> /h) |
| Cooler Duct Diameter*                | 6 in (152 mm)                       |
| Water Supply                         | 1 GPM (4 liter/min)                 |
| Water Pressure                       | 50 psi (345 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                               | 1,335 lb (606 kg)                   |

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

<sup>1</sup> 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.

<sup>2</sup> Loring defines the intermittent temperature rating as the maximum temperature that the machine cannot exceed during a roast.

# 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.

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**SCHEDULE A DEMO OR REQUEST A QUOTE AT LORING.COM**



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