



LORING™

The Smarter Way to Roast

LORING™ S35 Falcon™

Automated 35 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
- Green bean cart with scale
- 7-35 kg batch capacity

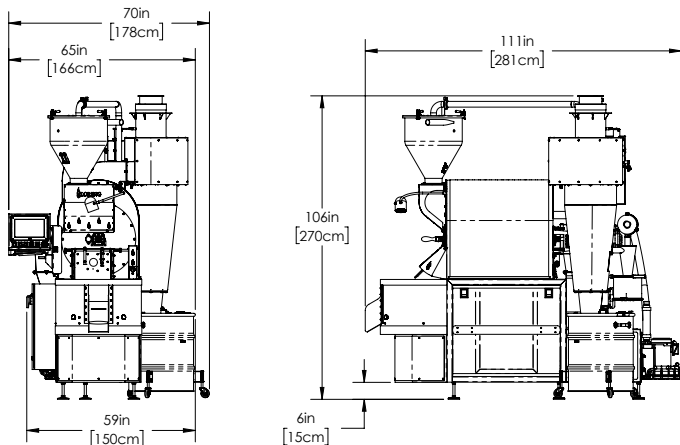
OPTIONAL

- Destoner



ROASTER SPECIFICATIONS

Maximum Batch Size	77 lb (35 kg)
Maximum Batch Size	15.4 lb (7 kg)
Nominal Electrical Power ¹	3.8 kW
Peak Electrical Power ²	7.2 kW
Maximum Operational BTU Rating	310,000 BTU/h (78,200 kcal/h)
Maximum Instantaneous BTU Rating	350,000 BTU/h (88,300 kcal/h)
Stack Temp Continuous ³	1,400°F (760°C)
Stack Temp Intermittent ⁴	1,600°F (870°C)
Stack Flow Continuous ⁵	52 dscfm (88 dsm ³ /h)
Stack Max Flow (Peak Air Cool) ⁶	450 dscfm (765 dsm ³ /h)
Stack Duct Diameter (Minimum)*	8 in (203 mm)
Cooler Vent Max Flow	1,200 scfm (2,035 sm ³ /h)
Cooler Duct Diameter*	8 in (203 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	2,190 lb (993 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

Loring Smart Roast, Inc.
3200 Dutton Avenue, Suite 413
Santa Rosa, CA 95407
+1 707 526 7215

Australia, New Zealand
CT ROASTING SOLUTIONS
Adelaide, South Australia
+61 0400 250 598
lachlan@ctroastingsolutions.com.au

China (PRC), Hong Kong
SHANGHAI FORTUNECAFFE CO.
Shanghai, China
+86 21 6249 9786
sales@fortunecaffe.com

Europe, Middle East, Africa, Pakistan
THE COFFEE ROASTING COMPANY APS
Copenhagen, Denmark
+45 3023 8775
jht@thefactorycoffee.eu

India
ANURATI
Bangalore, India
+91 98455 78935
srinivas@anurati.ch

Indonesia
PT. MESIN KAFE DAN SERVICE
Jakarta, Indonesia
edward@mesinkafe.com

Japan, Taiwan
DCS CO., LTD
Osaka, Japan & Taipei, Taiwan
+81 798 35 2980
www.dcservice.co.jp
www.dcs-asia.com

Korea
M.I. COFFEE CORPORATION
Seoul, South Korea
+82 592 0167
mi@micoffee.co.kr

North America, Latin America
ZENDEUS
San Francisco, California
+1 415 374 9097
duncan.elcombe@zendeus.com

Singapore
CAFE N ALL PTE LTD
Singapore
gracia@cafenall.com

Southeast Asia
BARISTA JAM
+6684 644 3344
meechoke@baristajam.coffee

Thailand
UCC K2 COMPANY LTD.
Bangkok, Thailand
+66 2276 5170
sales@ucck2.co.th

SCHEDULE A DEMO OR REQUEST A QUOTE AT LORING.COM



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