



LORING

The Smarter Way to Roast

LORING™ S35 Kestrel™

Automated 35 kg Roaster

INCLUDES

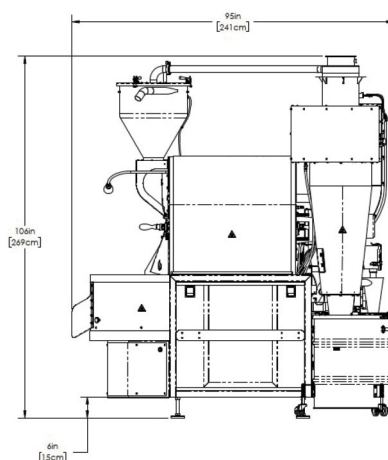
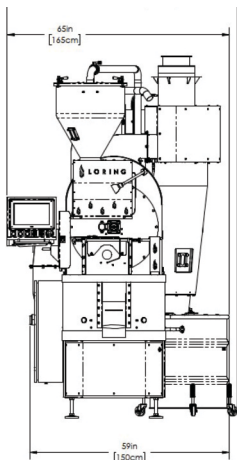
- Touchscreen interface
- Green bean vacuum lift
- Automation software with auto-charge and discharge of beans
- High speed cooling tray with paddle stirring
- Green bean cart with scale
- 7-35 kg batch capacity

OPTIONAL

- Destoner

ROASTER SPECIFICATIONS

Maximum Batch Size	77 lb (35 kg)
Minimum 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)
Hot Stack Temp Continuous ³	1,400°F (760°C)
Hot Stack Temp Intermittent ⁴	1,600°F (870°C)
Hot Stack Flow Continuous ⁵	120 dscfm (205 dsm ³ /h)
Hot Stack Max Flow (Air Cool) ⁶	450 dscfm (765 dsm ³ /h)
Hot Stack Diameter (Minimum)*	8 in (203 mm)
Cooler Duct Max Flow	1,200 scfm (2,035 sm ³ /h)
Cooler Duct Diameter*	8 in (203 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 ⁷	1,900 lb (862 kg)



* Larger 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 Hot Stack Max Flow (Air Cool) and Cooler Duct 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
sales@loring.com

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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