



## LORING™ S70 Peregrine™

Automated 70 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
- 14-70 kg batch capacity

### OPTIONAL

- Destoner
- Cooler tray auto-discharge gate

### ROASTER SPECIFICATIONS

Maximum Batch Size	154 lb (70 kg)
Minimum Batch Size	30.8 lb (14 kg)
Nominal Electrical Power <sup>1</sup>	8.6 kW
Peak Electrical Power <sup>2</sup>	17.5 kW
Maximum Operational BTU Rating	620,000 BTU/h (156,341 kcal/h)
Maximum Instantaneous BTU Rating	670,000 BTU/h (169,000 kcal/h)
Stack Temp Continuous <sup>3</sup>	1,400°F (760°C)
Stack Temp Intermittent <sup>4</sup>	1,600°F (870°C)
Stack Flow Continuous <sup>5</sup>	107 dscfm (182 dsm <sup>3</sup> /h)
Stack Max Flow (Peak Air Cool) <sup>6</sup>	950 dscfm (1,614 dsm <sup>3</sup> /h)
Stack Duct Diameter (Minimum)*	10 in (254 mm)
Cooler Vent Max Flow	2,180 scfm (3,704 sm <sup>3</sup> /h)
Cooler Duct Diameter*	10 in (254 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 <sup>7</sup>	3,900 lb (1,769 kg)

\* Larger stack diameters may be required based upon stack geometry. <sup>1</sup> Loring defines Nominal Electrical Power as the power the roaster consumes during typical use. <sup>2</sup> Loring defines Peak Electrical Power as the power the roaster will consume if all roaster operations are run simultaneously. <sup>3</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>4</sup> Loring defines the intermittent temperature rating as the maximum temperature that the machine cannot exceed during a roast. <sup>5</sup> Dry, or water content of the flue removed, under standard pressure and temperature conditions. <sup>6</sup> Add Stack Max Flow (Peak Air Cool) and Cooler Vent Max Flow to obtain the total airflow out of the building. <sup>7</sup> 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**



L O R I N G™

© 2025 Loring Smart Roast, Inc. The following are trademarks of Loring Smart Roast, Inc.: Loring, The Smarter Way to Roast, S7 Nighthawk, S15 Falcon, S35 Kestrel, S70 Peregrine, and the flame symbol. Users are responsible for verifying that they are using the latest document revision available. Loring reserves the right to make changes to this document at any time without notice. 1002697 Rev. M