



LORING™ S7 Nighthawk™

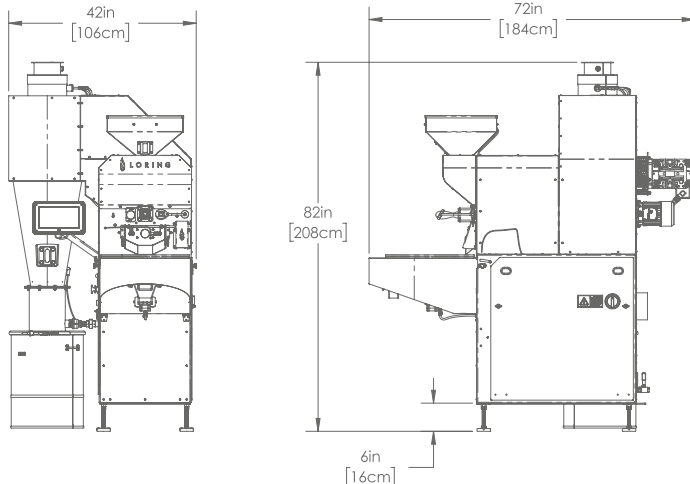
Automated 7 kg Roaster

INCLUDES

- Touchscreen interface
- Automation software with auto-charge and discharge of beans
- High speed cooling tray with paddle stirring
- 1.4-7 kg batch capacity

ROASTER SPECIFICATIONS

| | |
|---|-------------------------------------|
| Maximum Batch Size | 15 lb (7 kg) |
| Minimum Batch Size | 3 lb (1.4 kg) |
| Nominal Electrical Power ¹ | 0.6 kW |
| Peak Electrical Power ² | 2.9 kW |
| Maximum Operational BTU Rating | 72,000 BTU/h (18,200 kcal/h) |
| Maximum Instantaneous BTU Rating | 82,000 BTU/h (20,700 kcal/h) |
| Stack Temp Continuous ³ | 1,400°F (760°C) |
| Stack Temp Intermittent ⁴ | 1,600°F (870°C) |
| Stack Flow Continuous ⁵ | 15 dscfm (37 dsm ³ /h) |
| Stack Max Flow (Peak Air Cool) ⁶ | 160 dscfm (271 dsm ³ /h) |
| Stack Duct Diameter (Minimum)* | 6 in (152 mm) |
| Cooler Vent Max Flow | 300 scfm (509 sm ³ /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 ⁷ | 802 lb (364 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.

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L O R I N G™

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