LORING™
The Smarter Way to Roast

LORING™ S35 Kestrel™

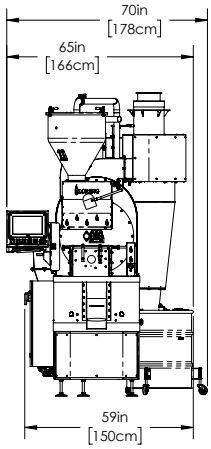
Automated 35 kg Roaster

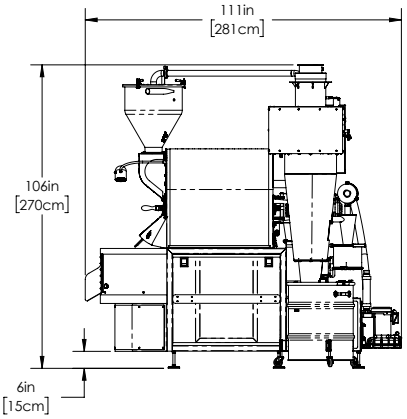
INCLUDES

- 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



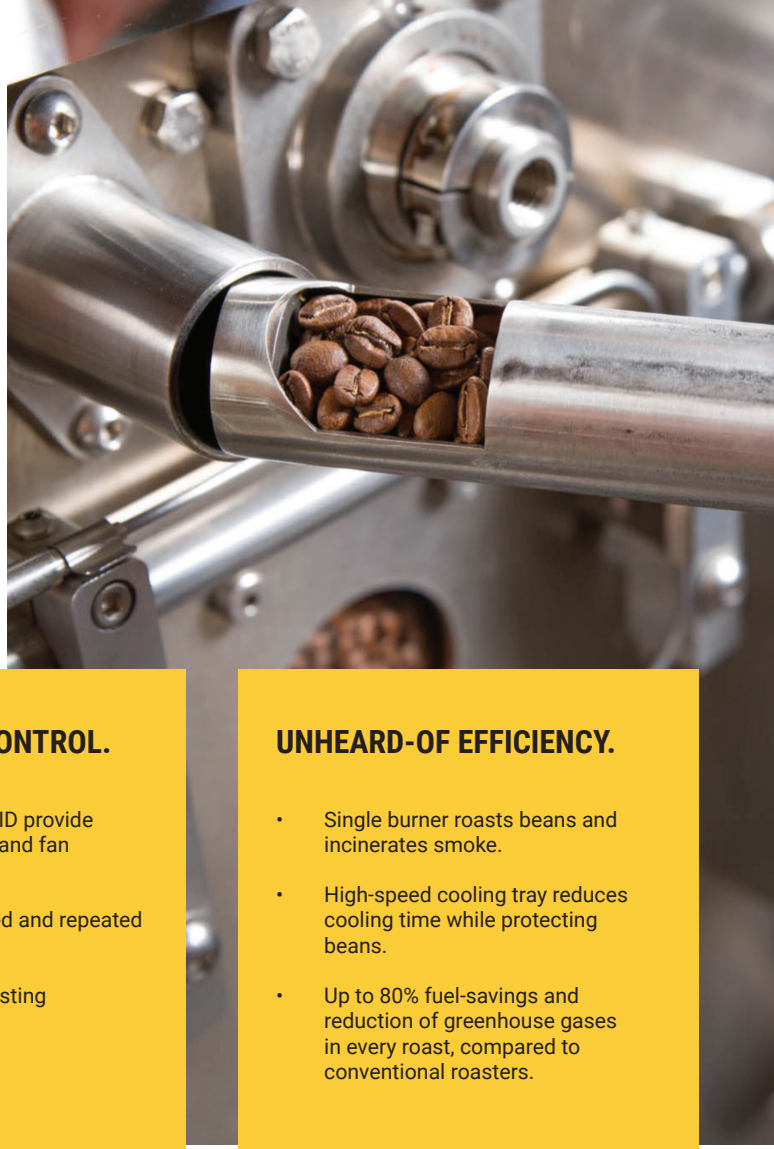


ROASTER SPECIFICATIONS	
Maximum Batch Size	77 lb (35 kg)
Minimum Batch Size	15.4 lb (7 kg)
Nominal Electrical Power[1]	3.8 kW
Peak Electrical Power[2]	7.2 kW
Maximum Operational BTU Rating	310,000 BTU/h (78,200 kcal/h)
Maximum Instantaneous BTU Rating	350,000 BTU/h (88,300 kcal/h)
Stack Temp Continuous[3]	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.

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SCHEDULE A DEMO OR REQUEST A QUOTE AT LORING.COM

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