



## **SPIRAL COOLER “CENTER DRIVE”**

**Circular spiral product cooler conveyor**

- No lubrication needed, reduce or eliminate cleaning cycle and increase production uptime.
- Extended belt life: Runs at lower tensions compared to friction-driven systems.
- Versatility: can use different products and at different rate.

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## DIMENSIONS

- Diameter: 260 in.
- Height : 160 in.

*For reference only. Dimensions will adjust to your space and product needs.*

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## CAPACITÉ

- 200 Hamburger buns per minute.
- Cooling time of 40 min.
- Belt speed 26 ft per minute.

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## MECHANICAL FEATURES

- Squirrel cage drum allows superior airflow with improved aerodynamic design.
- Stainless steel design.
- Full plastic modular belting w/Plastic rods provide load sharing resulting in minimum stress on the outer edge of the belt.

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## CONTROL FEATURES

- Panel 72x72x16 Stainless Steel Nema 12.
- AV Panel view +7 Perf. 7 in w/4 2 2.5 mm PB.
- PLC L320ERS2 (Safety PLC).

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## INSTALLATION REQUIREMENTS

- Power: 480 V/ 3 Ph.
- Leveled concrete floor surface among equipment foot print.

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## AVAILABLE OPTIONS

- Clean in place Sanitation System (CIP).
- Optional drum access platform eases maintenance.
- Optional Remote VPN access allowing machine troubleshooting and data monitoring.

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## SOLUTIONS

- **Labor Reduction:** No operator needed.
- **Quality Assurance:** Having the belt mechanically coupled to the drum eliminates product orientation issues.
- **Operator Friendly:** Direct Drive eliminates the need for complicated operating controls and primary motors. Delays and lags during startup are eliminated, as is the need for friction inserts.