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FOR IMMEDIATE RELEASE

Conveyor Technology Debuts TechRoll™ Electric Drum Motor and Predictive Failure Analysis at EATS Chicago

New motor and smart monitoring system set a new standard for performance and reliability

LITTLE ROCK, Ark. (Oct. 28, 2025) - Conveyor Technology, a leading provider of drum motor sales and service for more than three decades, unveiled its new TechRoll™ Electric Drum Motor and exclusive Predictive Failure Analysis technology today at the EATS Chicago Conference. The launch marks a significant advancement in industrial automation, pairing next-generation motor performance with real-time intelligent predictive monitoring capabilities designed to maximize uptime and efficiency.

“The TechRoll™ represents the next era for drum motors — combining precision engineering, advanced analytics and the kind of reliability our customers have come to expect,” said Justin Carmody, CEO of Conveyor Technology. “Predictive Failure Analysis is truly a game changer. It goes far beyond traditional maintenance monitoring by providing real-time visibility into a drum motor’s performance and maintenance needs. Continuous runtime is our top priority, and this technology ensures exactly that.”

Manufactured in Conveyor Technology’s state-of-the-art facility in North Little Rock, Ark., the TechRoll™ Electric Drum Motor is engineered for durability, efficiency and ease of integration, and will benefit food processing industries including meat, poultry, seafood and pet foods. Its fully enclosed design minimizes contamination risk and reduces maintenance requirements, making it ideal for food and processing environments.

Conveyor Technology’s patent-pending Predictive Failure Analysis system is the first sensor technology built specifically for drum motors. The platform provides continuous, intelligent monitoring that allows operators to predict and prevent failures before they occur.

Key features include:

- **Custom Hardware and Sensors** – Proprietary printed circuit board assembly (PCBA) with wireless connectivity and integrated current, power factor, vibration and temperature sensing. Line-powered; no batteries required.
- **Industrial-Grade Design** – Stainless steel IP69K enclosure with whip antenna feed-through for maximum durability in washdown environments.
- **IoT Integration** – Real-time monitoring through Grafana dashboards, with optional data streaming to customers' SCADA or Ignition systems.
- **AI-Powered Analytics** – Predictive algorithms deployed both on-device and in the cloud to forecast potential failures.
- **Cloud Infrastructure** – Secure AWS hosting with intuitive dashboards, gauges, thresholds and multi-level access.
- **Smart Alerts** – Email and text notifications that enable maintenance teams to act before downtime occurs.

With FCC, CE, UL and IP69K certifications in progress, Conveyor Technology's solutions are designed to meet and exceed the most rigorous industrial standards.

"This is a pivotal moment for the food and processing industry," Todd Denton, Chairman of Conveyor Technology added. "With the TechRoll™ Electric Drum Motor and our Predictive Failure Analysis technology, we're helping customers extend motor life, improve reliability and virtually eliminate unplanned downtime."

Media Note: For media interested in scheduling a demo of the TechRoll™ Electric Drum Motor and Predictive Failure Analysis technology, please contact denver@peacockgrp.com or grace@peacockgrp.com.

About Conveyor Technology
Established in 1994, Arkansas-based Conveyor Technology has been the trusted name in drum motor sales and service across North America for more than three decades. With the TechRoll™ Electric Drum Motor and Predictive Failure Analysis, the company is redefining industry standards by pairing world-class manufacturing with advanced IoT and AI-driven predictive technologies. For more information, visit conveyortechnology.com.

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