



Novatec Unleashes the Future of Conveyance: Introducing the AI + EV-Powered SmartConveying System

Baltimore, MD – Novatec, Inc. is proud to announce the SmartConveying System, a game-changing advancement in material conveyance that represents an entirely new way to convey resin.

"While some auxiliary manufacturers are touting AI-powered systems as the pinnacle of innovation this year, we see it differently," stated Conrad Bessemer, President of Novatec. "Merely automating longstanding



processes is no longer groundbreaking—it's the expected baseline. The true transformation begins when we completely reengineer these processes. Then, and only then, do we integrate cutting-edge AI to create new, intelligent workflows tailored specifically to the material challenges of our customers."

Novatec's SmartConveying System transcends the conventional induction motor technology typically used in vacuum pumps, drawing inspiration instead from high-performance electric vehicles. The result is Novatec's cutting-edge InfinityDrive Magnetic Motor, leveraging the same technology that powers EV racecars, to deliver unprecedented energy efficiency, material-specific precision, whisper-quiet operation, and even 'hyperspeed' for line blockages.

Combining this EV technology with Novatec's AI-driven FX3 Controller, the SmartConveying System not only simplifies automation but completely redefines the resin handling processes, intelligently optimizing operations and safeguarding materials, equipment, and budgets.

Ryan Ismirlian, Smart Conveying Engineer at Novatec, explains, "The system dynamically adjusts to material characteristics and demand, significantly reducing energy consumption and wear on equipment but most importantly it protects your materials, effectively reducing resin stress, breakage, and angel hair."

He continued, "And with features like 'Hyperspeed' for automated blockage clearing, the system ensures continuous, efficient production while its near-zero maintenance requirements drastically reduce downtime and operational costs."

About Novatec:

As a leading U.S. manufacturer of drying, conveying, and complete material handling systems, Novatec has long been at the forefront of technological innovation. Specializing in AI-powered systems and advanced resin moisture management technologies, we've set new standards in automation, ease of use, and efficiency. Our commitment is underscored by our personalized white-glove consultative approach, steadfast support team, and a 5-year warranty, ensuring the lowest cost of ownership.

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