



For more information contact:  
Brian Bechard, President  
Trexel, Inc.  
(781) 404-5048  
b.bechard@trexel.com

**PRESS RELEASE**  
**~ for immediate release ~**

## **Trexel Introduces NEW NC-Series Nitrogen Booster**

*(Trexel, Inc., Wilmington, MA, May 11, 2021)* ... Trexel's newly introduced NC-Series Nitrogen Boosters provide a reliable supply of supercritical Nitrogen (SCF) to multiple Satellite Dosing Units, enabling a low-cost option for equipping multiple machines in the same plant with MuCell capability.

Their compact design enables optimal placement in any facility. With dosing and control taking place upstream near each injection molding machine, this central booster can be placed as far away as the gas distribution lines allow. NC-Series boosters can be networked with a second booster to provide simple system redundancy. Two models are available: NC-250 (215 l/min) and the larger NC-500 (500 l/min).



Compact, yet powerful nitrogen compressors capable of supplying multiple Satellite Dosing Units for flexible, low-cost implementation of MuCell on multiple machines.

- Configured to be fully compatible with Trexel's Satellite Dosing Units
- Simple control
- Quiet operation
- Low maintenance
- Can run with bottled Nitrogen, a compatible Nitrogen Generator, or N<sub>2</sub> from a bulk liquid storage system



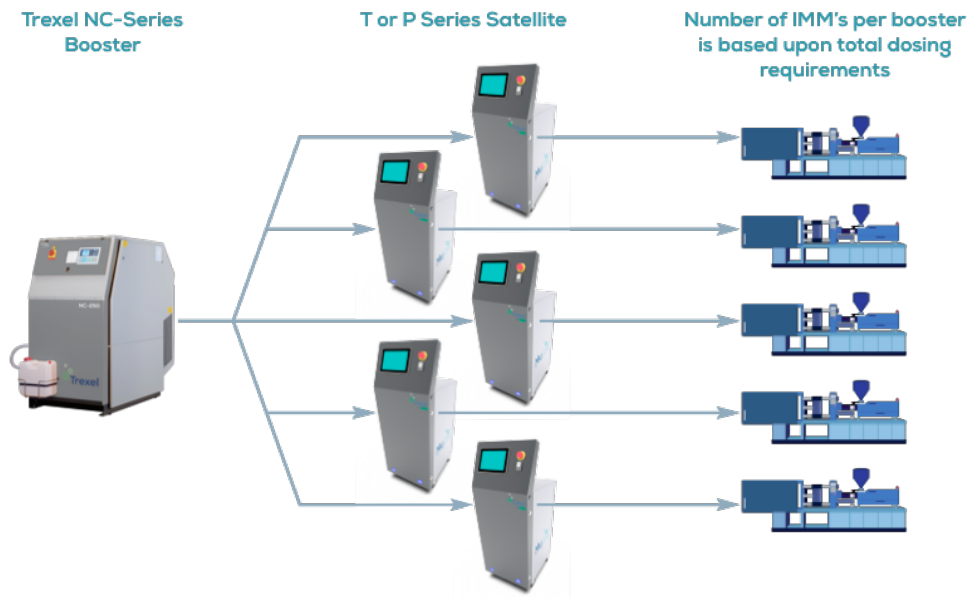
## Trexel Satellite Dosing Units

The Trexel MuCell SCF (Super Critical Fluid) satellite dosing system is a state-of-the-art nitrogen dosing and metering system specifically designed to reduce the cost of outfitting several machines in the same plant with MuCell capability. Built to the most stringent industrial standards, the system precisely doses and injects small amounts of SCF into the plasticizing unit of the injection molding machine creating a lower density, stress free microcellular material structure in the molded plastic part.



It features a technology-leading control system with a 10" graphical touch screen user interface. Set-up parameters require only the shot size and percentage of SCF content. The system calculates everything else and optimizes SCF delivery during screw recovery. Trexel satellite dosing units are available in T-series (general purpose) and P-Series (high-speed packaging) configurations.

## Satellite System



**About Trexel, Inc.**

Trexel, Inc., headquartered in Wilmington, MA, has led the development of the MuCell® microcellular foaming injection molding technology and has pioneered many plastic processing solutions. The MuCell® technology provides unique design flexibility and cost savings opportunities by allowing plastic part design with material wall thickness optimized for functionality and not for the injection molding process. The combination of density reduction and design for functionality often results in material and weight savings of more than 20%. The numerous cost and processing advantages have led to rapid global deployment of the MuCell® process in automotive, consumer electronics, medical, packaging and consumer goods applications. Process deployment as well as equipment is supported by teams of highly qualified engineers through Trexel subsidiaries in North America, Europe, and Asia.

Trexel extended its product offering with the TecoCell® system. TecoCell is a unique chemical foaming technology that provides uniform microcellular structure to injection-molded parts.

For more information, please visit [www.trexel.com](http://www.trexel.com).

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