

NC-Series Nitrogen Booster



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 N₂ from a bulk liquid storage system

Trexel's 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 your facility. With dosing and control taking place upstream near each injection molding machine, this central booster can be placed as far away as your gas distribution lines allow. NC-Series boosters can be networked with a second booster to provide simple system redundancy.



Satellite System

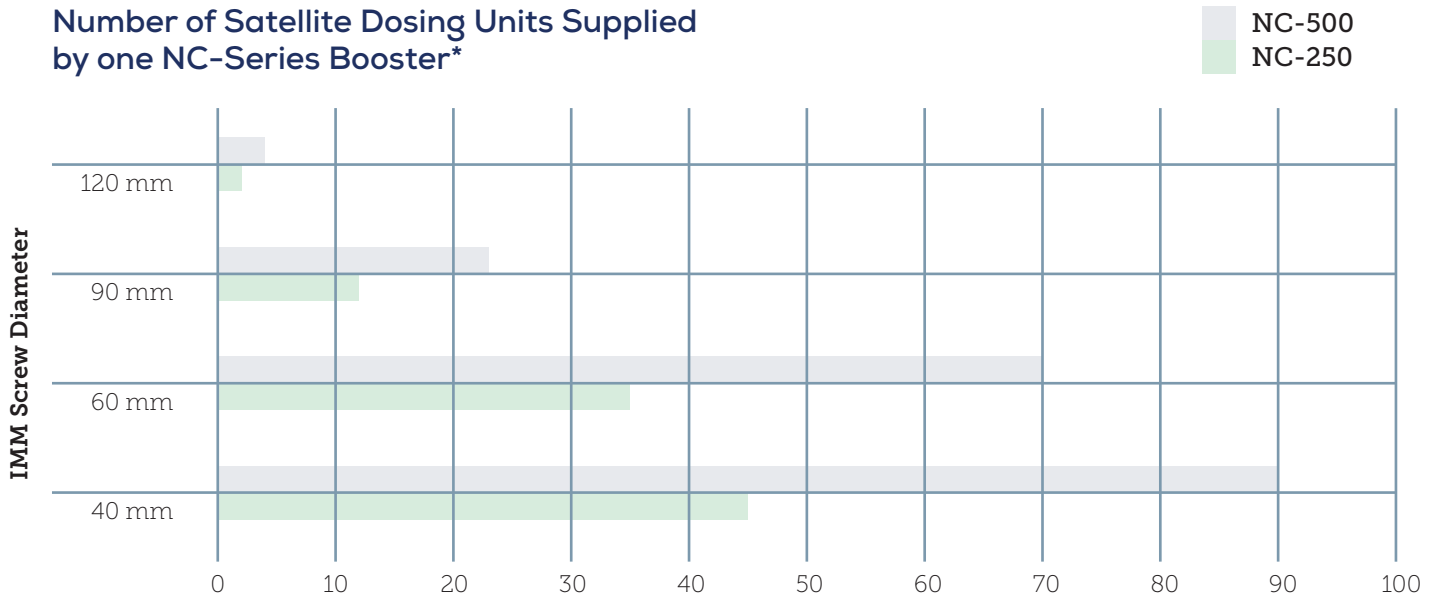
Trexel NC-Series Booster

T or P Series Satellite

Number of IMM's per booster is based upon total dosing requirements



Number of Satellite Dosing Units Supplied by one NC-Series Booster*



* Chart intended to show capability only. Recommendations for combinations of boosters and satellites will be based upon gas usage and system redundancy requirements.

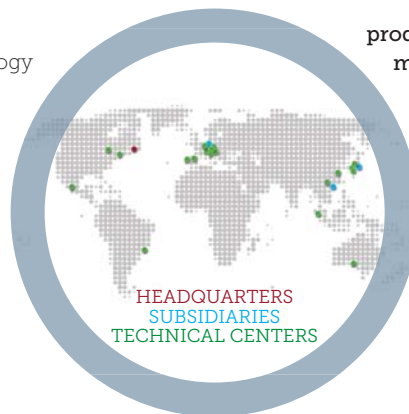
Technical Data

Model	NC-250	NC-500
Capacity	215 l/min	500 l/min
Intake Pressure	Atmospheric	Atmospheric
Intake Temperature	+5°C...+45°C	+5°C...+45°C
Working Pressure	300-330 bar	300-330 bar
Max. Pressure	365 bar	365 bar
Power Consumption at Max Pressure	4.7 kW	10.2 kW
Operating Voltage	400V	400V
Frequency	50 Hz	50 Hz
Energy efficiency	IE 3	IE 3
Dimensions, mm (L x W x H)	1480 x 830 x 1520	1480 x 830 x 1520
Weight	290 kg	350 kg

About Trexel

Trexel is in the business of providing technology which places tiny cells of gas in plastic parts, and our passion is manifested in the broader benefits that these micro bubbles can deliver. Our microcellular foaming technology **reduces production cost** while **increasing environmental sustainability**.

Our technology enables **lighter, more dimensionally stable products** which can be



produced faster on smaller, more energy efficient equipment.

Since 1995 we have been applying our technology to thousands of applications in dozens of industries. We have developed unsurpassed know-how, continuously improved our technology and enhanced our services, growing into the **global leader in microcellular foaming technology** we are today.