



Generate Nitrogen from Thin Air!®

TireBlast™

Nitrogen Tire-Filling Station

Nitrogen has been an asset to the aircraft industry, racecar circuit and military for decades. Its ability to maintain proper air pressure in tires allows for tire longevity, improved gas mileage and ensures the rims are not damaged due to low tire pressure. Nitrogen makes up 78% of the air you breathe and is an inert gas, which is clean, dry and non-flammable.

Compressed air, commonly used for tire inflation, will permeate through the rubber tire walls more rapidly than nitrogen due to the oxygen molecules being less active. Therefore, the need to repeatedly "top off" tires with compressed air in order to maintain the proper pressure specified by the automobile manufacturer. A nitrogen fill will increase safety and reduce operating costs while simultaneously improving the performance of the vehicle.

South-Tek's line of **TireBlast™** systems allow for on-demand filling by generating pure nitrogen from the air. The **TireBlast™** is compact, runs quietly, can be mounted to the wall or on the nitrogen storage tank, and will fill tires at the same rate as a compressed air system. Installation is simple and does not require any electrical connection. The **TireBlast™** has three stages of high efficiency pre-filtration, ensuring system integrity throughout the life of the unit. The system is available in three compact sizes matched to the various auto shop, tire-filling requirements. Point of sale material, automatic inflator/deflator and other installation component options are available.

How the **TireBlast™** System Works

The **TireBlast™** system generates nitrogen from the air by pushing compressed air through a semi-permeable membrane to mechanically separate the nitrogen molecules from the other molecules. Once the nitrogen is filtered out, it is stored in a nitrogen receiver tank, making it available at a higher pressure for tire filling.



TireBlast™ NT-130

Designed to handle the high volume of automotive dealerships and capable of filling up to 130 tires per hour. (195/65/R15 size).

TireBlast™ NT-250/NT-375

High capacity design available for truck depot and maintenance operations.

TireBlast™ NT-XL

No matter how large the tire filling operation, South-Tek Systems can design and manufacture any size nitrogen generator to meet your specific needs.

FEATURES:

- 24/7 customer support
- Continuous duty
- Indoor/outdoor installation
- UL 508A listing

BENEFITS:

- Increase your service revenue
- Generate your own nitrogen on demand
- Eliminate the safety concerns and hassles associated with handling high pressure cylinders
- Fully automatic – ready nitrogen!

