



Take Control of Your Nitrogen

Since 2006, South-Tek Systems has been dedicated to fulfilling the nitrogen requirements of the US Military with self-sustaining solutions. Our state-of-the-art nitrogen generation technology is meticulously designed to cater to the unique needs of the Military. N₂GEN systems provide high-quality, on-demand nitrogen for Military applications, including:

- Support for the Army and USMC JLTV and Stryker hydro-pneumatic independent suspension systems and M-777 howitzer firing system.

Securing Nitrogen When and Where It's Needed:

Access to high-quality nitrogen gas can be costly, and a significant challenge for maintenance personnel responsible for critical equipment and instrumentation, especially in remote overseas locations. The N₂GEN HPCF-SFI/SXC Series offers a sustainable and economical solution. Its compact, integrated skid design is the most convenient way to fill your cylinders directly at your facility. This eliminates reliance on local gas suppliers and ensures a dependable supply of nitrogen wherever it's required.

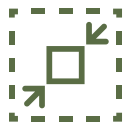
With over two decades of experience in delivering top-notch nitrogen generators and providing exceptional customer service, South-Tek has earned its reputation as the foremost nitrogen expert.



Self-sustainable Nitrogen Solutions Specifically for the Military



No More Deliveries



Compact Footprint



Simple Maintenance



Durable Design

CONTACT: Email milsales@southteksystems.com or call 888-526-6284



N₂GEN HPCF-SFI/SXC



The HPCF-SFI/SXC Series employs Pressure Swing Adsorption (PSA) filtration technology to provide high-quality, dry nitrogen. This compact skid includes an integrated air compressor, a low-pressure tank, an electric booster, and a cylinder fill stand, offering convenient N₂ storage alongside the nitrogen generator.

DESIGNED FOR:

- High-pressure, gas vehicle suspensions
- M777 recoil systems
- Vehicle and aircraft tires and struts
- Backpack systems (NBK and similar)
- Refill fire suppression cylinders
- Cylinder fill for backup N₂ supplies
- Any other high- or low-pressure use

KEY FEATURES:

- Capable of filling cylinders ranging from 2200 psig to 4500 psig
- Equipped with a built-in, user-friendly PLC featuring a 3.5" color touchscreen
- Automatic shutdown upon completion of cylinder fill
- Manual start/stop functionality
- Includes an attached fill stand with high-pressure leads and chains for secure cylinder placement
- Integrated electric N₂ booster
- Comes with an integrated compressed dry air package, eliminating the need for an external compressed air source (SFI)
- Operates on a single 208-230V, 1-phase power supply (SFI models - range from 22-32 amps)



OPTIONS:

- Custom purity (up to 99.999%) and/or alternate cylinder fill rates
- Annual filter maintenance kit
- Complete air compressor package - SXC only (Continuous supply of clean, dry compressed air is required at 208-230v or 460v. Existing supply of compressed air may be used)
- 1K, 2K, and 5K hour PM kits available
- DOT K-type cylinder
- Start-up/commissioning and training

Specifications	HPCF-SFI-0004	HPCF-SFI-0110	HPCF-SFI-0130	HPCF-SXC-0130
Standard N ₂ purity	99-99.9%	99-99.9%	99-99.9%	99-99.9%
Outlet pressure	2200 - 4500 psig			
Cylinder fill rate/24 hours ¹	3	6	6	6
HP filling leads included on skid	1 - 6 (CGA 580 or CGA 680)			
Electrical requirements	208 - 230 VAC / 1 Ph / 60 hz			
Compressed air volume required ²	No external compressed air required			8.7 SCFM
Part number	800347	800345	800343	800415
Dimensions	72" L x 34" W x 60.25" H			
Skid Weight	850 lbs	950 lbs	1200 lbs	1100 lbs
Warranty				

1. Standard N₂ Cylinders at approximately 245 SCF capacity @2200-2400 psig. Partially filled cylinders will fill to max pressure in fewer hours.

2. Compressed air must be dried to 39-45F dewpoint; minimum 90 psig inlet pressure to N₂ skid required for SXC model.