



South-Tek Systems

Take Control of Your Nitrogen

Our standard High-Pressure Fill (HPF) product offering is specifically designed to provide the maximum daily assist gas consumption needed in flexible storage. Ideal for a job shop or the customer cutting varying material types and thickness, the system delivers 99.99% pure nitrogen ensuring clean, shiny and burr-free edges. **Air In: Nitrogen Out ratio is the most efficient in the industry.**

Our dual-bed PSA (Pressure Swing Adsorption) filtration technology is the gold standard of nitrogen generation and ensures a reliable source of clean, dry, particulate-free nitrogen supply on demand. Delivering a steady flow of high purity nitrogen, the dual-bed design allows for maximum efficiency and minimal maintenance.

South-Tek's nitrogen generators provide a fast, favorable ROI, and, when comparing the cost of generating nitrogen to buying liquid nitrogen in bulk, South-Tek's clients on average realize up to a 50-90% savings.



CONTACT: laser@southteksystems.com or 888-526-6284



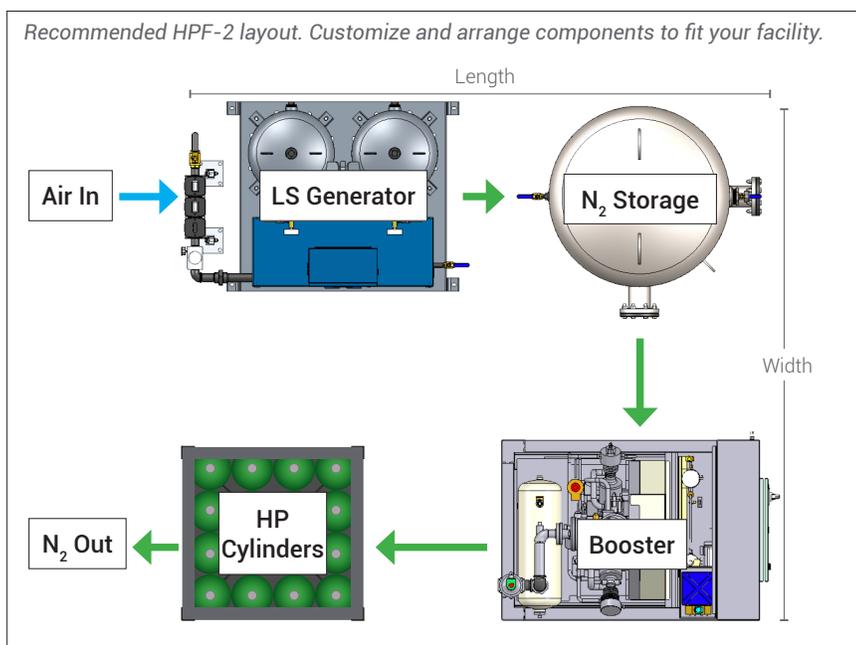
Laser Series - High-Pressure Fill (HPF)

DESIGNED TO:

- Supply dry, clean, low dew point nitrogen
- Provide a reliable source of nitrogen for daily consumption
- Provide high-purity assist and purge gas
- Serve multiple lasers
- Stored volume for spikes in demand, refills in low demand hrs.
- Expand easily as needed
- Decrease electrical and compressed air demand

FEATURES:

- 0.01 Micron high-pressure outlet filtration (Filter debris and particulates)
- Smart-Trak remote monitoring and management
- Flexible storage options - control how much N₂ is on-hand



Specifications ¹	HPF-1	HPF-2	HPF-3	HPF-4	HPF-5
N ₂ Production (ft ³ /day)	32,600	47,500	65,300	90,200	121,300
N ₂ Flowrate (SCFH)	1362	2100	2722	3759	5055
N ₂ Purity	99.99%	99.99%	99.99%	99.99%	99.99%
Air Requirement PSI / SCFM	118	186	237	338	439
N ₂ Pressure (PSI)	4350	4350	4350	4350	4350
N ₂ Storage (ft ³)	10,500	10,500	10,500	21,000	21,000
Typical Dimensions (L x W x H)	107" x 130" x 104"	139" x 121" x 131"	118" x 155" x 126"	118" x 198" x 157"	132" x 198" x 196"
Weight (single heaviest component)	4,700 lbs.	4,700 lbs.	4,800 lbs.	5,600 lbs.	9,600 lbs.
Electrical for N ₂	110-220V / 50-60 Hz / 1 Phase				
Electrical for Booster	460V / 60 Hz / 3 Phase				
Warranty	2 Year Standard Warranty				

1. Per terms and conditions: www.southteksystems.com/terms

