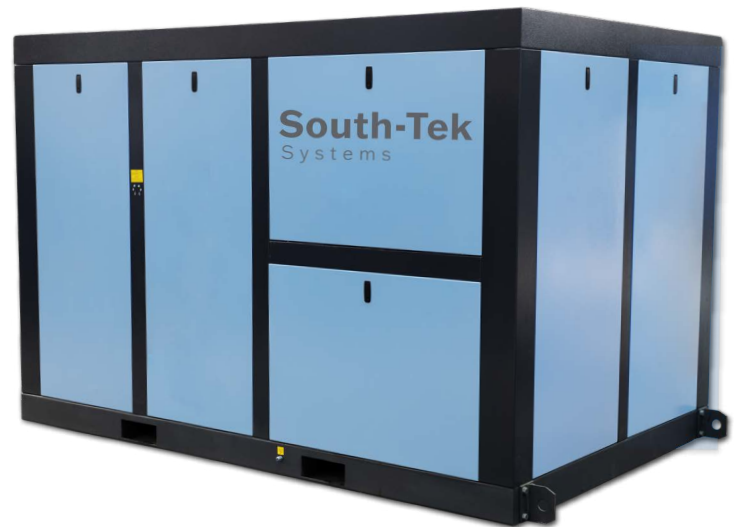


VARIABLE SPEED PREMIUM 2 STAGE DIRECT DRIVE ROTARY SCREW COMPRESSOR

South-Tek compressors are engineered for unmatched performance.

At South-Tek, our mission is to power yours. Preventing costly downtime, our STSP-2 VSD Series compressors deliver whisper-quiet operation, and stand as the leaders in their class. Delivering ultra-high efficiency across all industrial applications, it ensures reliable, 24/7 operation to meet your air demands without compromise.

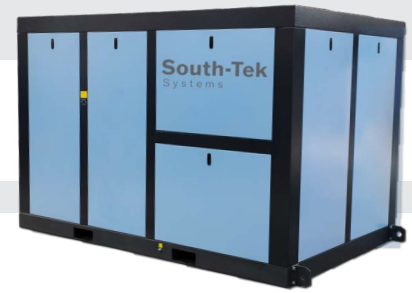
We provide mission-critical complete air and gas solutions through our distribution network, offering a full suite of products from nitrogen generators to compressors, filters, and dryers. As the single-source for on-premise gas generations and air solutions, we provide expertise, control and performance through one vendor, one brand and one superior support team.



Key Features and Benefits

- **IE4 efficient engine for maximum energy savings.**
- **Low speed radial fan and inverter for increased durability and long service life.**
- **User-friendly remote monitoring, control and feedback support to optimize operations.**
- **Low speed radial fan**
- **Radial fan inverter**
- **Frequency controlled (inverter) to allow for maximum customization to suit your needs.**
- **Ultra quiet to reduce workplace noise.**
- **Highest performance in its class.**
- **Lifetime airend warranty for maximum protection.**
- **Maximum performance in difficult conditions (operating temperature 45°C and above).**

STSP-2 VSD Series



Product Features

At South-Tek Systems, our mission is to power yours with maximum expertise, performance and control. That's why our compressors are built with industry-leading components like AKG coolers, WEG motors, Hoerbiger inlet valves, and CMC controllers, ensuring reliability and efficiency you can depend on.



Weg Motor

- Nonproprietary, off-the-shelf motors reduce costs and simplify servicing.
- Compressors up to 40 HP use Tri-Voltage motors; 50 HP and above are standard 460V.
- Equipped with Class F insulation.



Microprocessor Controller

- Intuitive touch display option
- 'Built-in' phase protection
- Prime and Fan motor current protection
- Durable ABS plastic enclosure
- IP65 fascia protection
- MODBUS ready
- Industry 4.0 / IOT ready
- Factory or Aftermarket IOT Option module



Cooler

- Cutting-edge technology for superior performance.
- Up to 60% more compact than traditional fin-and-tube designs.
- Durable bar-and-plate construction.
- Minimizes airside fouling for optimal efficiency.

Specification Sheet

South-Tek Model #	HP	CFM @ 100 PSI	CFM @ 125 PSI	CFM @ 218 PSI
STSP2-30VSD	30	177.99	161.03	N/A
STSP2-40VSD	40	243.32	196.35	N/A
STSP2-50VSD	50	296.29	257.44	N/A
STSP2-60VSD	60	360.21	315.01	N/A
STSP2-75VSD	75	473.22	390.93	N/A
STSP2-100VSD	100	535.37	530.43	N/A
STSP2-125VSD	125	776.92	662.15	N/A
STSP2-150VSD	150	901.94	765.62	N/A
STSP2-180VSD	180	1123.36	894.17	N/A
STSP2-220VSD	220	1196.81	1111.35	N/A
STSP2-250VSD	250	1545.72	1386.1	N/A
STSP2-270VSD	270	1954.31	1735.01	N/A
STSP2-335VSD	335	2207.87	2136.18	N/A
STSP2-425VSD	425	2436.36	2312.4	N/A



Founded in 2003, South-Tek Systems is the industry's leading nitrogen generation manufacturer. Offering both standard product lines and engineered-to-order generation solutions, South-Tek delivers best-in-class nitrogen generators for worldwide distribution..

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