

TANK MOUNTED BELT 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 STS-T and STS-TD compressors deliver whisper-quiet operation, and stand as the leaders in their class. Delivering ultra-high efficiency across all industrial applications, these products ensure 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

- **IE3 efficient engine for maximum energy savings.**
- **Low speed for increased durability and long service life.**
- **User-friendly remote monitoring, control and feedback support to optimize operations.**
- **Ultra quiet to reduce workplace noise.**
- **Service program and 6 year airend warranty.**
- **Highest performance in its class for maximum impact.**
- **Tank mounted to allow for maximum customization to suit your needs.**
- **Standard timer drain for enhanced convenience and streamlined workflow.**
- **Maximum performance in difficult conditions (operating temperature 45°C and above).**

STS-T & STS-TD 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

STS-T:

South-Tek Model #	HP	CFM @ 100 PSI	CFM @ 125 PSI	CFM @ 218 PSI
STS-5T	5	23.66	20.13	N/A
STS-7.5T	7.5	32.14	28.25	N/A
STS-10T	10	43.08	37.79	21.54
STS-15T	15	64.27	57.21	39.55
STS-20T	20	87.93	77.69	51.56

STS-TD:

South-Tek Model #	HP	CFM @ 100 PSI	CFM @ 125 PSI	CFM @ 218 PSI
STS-5TD	5	23.66	20.13	N/A
STS-7.5TD	7.5	32.14	28.25	N/A
STS-10TD	10	43.08	37.79	21.54
STS-15TD	15	64.27	57.21	39.55
STS-20TD	20	87.93	77.69	51.56



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.

South-Tek Systems, LLC
3700 U.S. Highway 421 North
Wilmington, NC 28401

Toll-Free: (888) 526-6284
Office: (910) 332-4173
Fax: (910) 332-4178

info@southteksystems.com
www.southteksystems.com

