G SERIES
20HP / 25HP / 30HP
ROTARY SCREW AIR COMPRESSOR

› DRIVE TECHNOLOGY
  Variable Speed or Fixed Speed, Belt Drive

› 100% DUTY CYCLE OPERATION
  Ideal for Continuous-Use Applications

› INNOVATIVE DESIGN
  Compact, Quiet, Engineered for Optimized Efficiency & Performance

› INTEGRATED AIR AFTER-COOLER
  Effectively Cools Air & Enhances System Efficiency

› CSC300 CONTROLLER
  Advanced Control Solution

› 5 YEAR LIMITED WARRANTY
These heavy-duty, high-performance & high-efficiency Rotary Screw Compressors can operate at a 100% duty cycle and are ideal for continuous-use applications where reliable, dry, clean air is required. Innovative component integration results in a compact, quiet air system engineered for efficiency & performance, providing high capacity air delivery and stable system pressure with minimal installation space. The G Series features either Variable Speed or Fixed Speed Belt Drive Technology, efficiently delivering 73 through to 106 SCFM of compressed air at 145 PSI.

**VARIABLE SPEED, BELT DRIVE**

The G series rotary screw air compressor integrates a robust frequency inverter with the CSC 300 controller to ensure energy efficiency, providing energy savings of up to 25%. Energy use is constantly aligned with air demand, adjusting motor speed to provide optimum performance and reliability, resulting in a compressor that is extremely economical and energy efficient.

**ELIMINATING ARTIFICIAL DEMAND**

The VSD’s Pressure Tracking controls ensure that energy-use is optimized by producing only as much air as is needed at set pressure, avoiding artificial demand. The cost of over-pressurization is eliminated by tracking pressure multiple times each second.

**ELIMINATING CURRENT SPIKES**

The VSD starts the motor with a gradual speed increase, eliminating in-rush current spikes on start-up and further contributing to the overall energy-efficiency of operation.

**FIXED SPEED, BELT DRIVE**

Ideal for continuous use applications with constant compressed air demand. Demonstrating efficient power transmission from the motor to the airend, the fixed-speed, belt-drive system provides maximum flexibility in pressure selection and features a single-point belt-tensioning system.
AIRSYSTEM

The Complete Solution

The G Series AirSystem offers a complete solution for your entire compressed air system requirements, providing clean, dry, compressed air.

The AirSystem includes:

› G Series Air Compressor
› A Heavy-Duty Aluminum Pre-Filter Housing with a 3-Micron Filter Element
› A Microprocessor controlled ASD100 ProDry™ Refrigerated Air Dryer with Stainless Steel Separator & Auto Drain
› 120 Gallon Air Receiver - Built to ASME Codes & CRN Registered

DRYTANK

Clean, Dry Compressed Air

A unique compressed air system configuration developed by DV Systems. It delivers clean, dry compressed air continuously, consistently and directly to the air receiver by employing the combination of a filter and dryer.

This configuration ensures that the tank is virtually dry, achieving not only an unprecedented level in the abatement of corrosion, but also maximizes the capacity of the tank for its intended use – to store and provide continuously cool, clean and dry air for your required applications, reliably and consistently.

CSC 300 CONTROLLER

The CSC300 effectively manages, monitors and maintains optimal operational parameters to ensure stable system pressure and reliable operation of DV’s rotary screw compressors.

FEATURES

› Optional Sequencing - Up to 8 Compressors
› Web-Enabled System Control - Optional
› Remote Stop/Start Operation
› Microprocessor control for load/no-load and auto shut-off
› Real Time Clock with Pressure Schedule
› Current (Amperage) Draw Display
› Remote Fault Signals & Power Restart Capability
› Service Maintenance Reminder
› Configurable Digital Inputs (Optional)
› 8 Relay Outputs (4 Configurable)

Optional Sequencing Mode

Controls target system pressure within fine limits to reduce generating costs, and ensures that air compressors are employed in the most efficient combination to suit a fluctuating air demand pattern. Our air compressor sequencing module is capable of controlling up to eight air compressors site-wide.
125+ YEARS OF MANUFACTURING EXCELLENCE

DV Systems is a designer of high-performance, high-efficiency compressed air systems. We have been engineering and manufacturing industrial air compressors since 1954 and our commitment to a culture of innovation dates back 125 plus years. Our objective is to provide reliable, innovative products and compressed air system solutions, strengthened by a commitment to exceptional customer service.

FOR MORE INFORMATION VISIT STILESMACHINERY.COM

G SERIES
20HP / 25HP / 30HP
ROTARY SCREW AIR COMPRESSOR

BASE MOUNTED

<table>
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<tr>
<th>Model</th>
<th>HP</th>
<th>Sound Nominal</th>
<th>S.C.F.M. 120 psi</th>
<th>S.C.F.M. 145 psi</th>
<th>Dimensions (inches)</th>
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TANK MOUNTED & AIRSYSTEM PACKAGES

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Standard pressure setting is 120 psi

SPECIFICATIONS

PERFORMANCE
Power 20 HP, 25 HP, 30 HP

ELECTRICAL
Premium-Efficiency TEFC Industrial Motor
Motor RPM: 3510
Three Phase:
20 HP 200V/54A, 230V/45A, 460V/22.5A, 575V/17.9A, 60Hz
Class F Insulation

CONFIGURATIONS

AIRSYSTEM
G20TD, G25TDVSD 120 Gal. Air Receiver, Pre-Filter & Air Dryer
G30TD, G30TDVSD 120 Gal. Air Receiver, Pre-Filter & Air Dryer

TANK MOUNTED

BASE MOUNTED
G20, G25, G25VSD, G30, G30VSD Doesn’t include Air Receiver or Air Dryer

ATTENTION: TO MAINTAIN WARRANTY PLEASE USE ONLY ORIGINAL SERVICE PARTS AND OFFICIAL DV SYSTEMS MAINTENANCE KITS; AS WE ARE COMMITTED TO CONTINUOUS IMPROVEMENT AND INNOVATION OF OUR PRODUCTS, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

For information, contact Stiles Enhancement Technologies
615.598.7500 \ E-tech@stilesmachinery.com