

20,25 & 30

20 HP, 82 SCFM at 120 PSI, 67 dBA

25 HP, 100 SCFM at 120 PSI, 68 dBA

30 HP, 116 SCFM at 120 PSI, 69 dBA

Distributed by:
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SCREW COMPRESSORS
BUILT BETTER



G SERIES ROTARY SCREW AIR COMPRESSORS

POWERFUL, EFFICIENT DELIVERY
SILENT OPERATION

› 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



G SERIES

ROTARY SCREW AIR COMPRESSORS

These heavy-duty, high-performance & high-efficiency Rotary Screw Compressors 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.



CSC 300 CONTROLLER

The Advanced CSC 300 Control Solution features the option of sequencing up to 8 compressors, optimizing system performance & efficiency.

FEATURES:

Optional Sequencing - Up to 8 Compressors

Web-Enabled System Control - Optional

Variable-Speed Drive Integration

Remote Stop/Start Operation

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)

BUILT BETTER



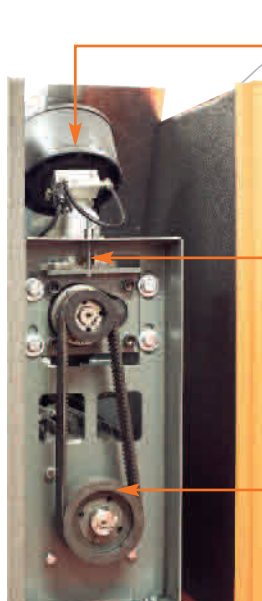
"SPIN-ON" TYPE
OIL SEPARATOR

OIL FILTER

CRN/ASME OIL RESERVOIR
AND PRIMARY SEPARATOR



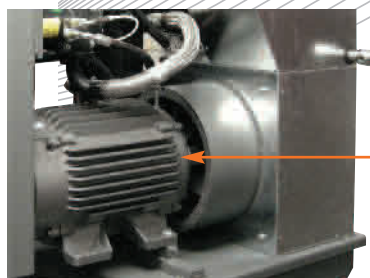
AIREND



LARGE AREA 3 MICRON
AIR INTAKE FILTER

SINGLE POINT
BELT TENSIONING
NO RE-ALIGNMENT
NECESSARY

ENCLOSED PULLEYS
AND DRIVE BELT



TEFC MOTOR

"EASY ACCESS" CABINET DESIGN

G-SERIES STANDARD FEATURES

- High-efficiency airends
- Belt drive for maximum flexibility in pressure selection
- Single point belt-tensioning system
- Heavy-duty powder coated metal cabinet
- High quality North American TEFC industrial electric motors
- Easy to use and read CSC300 LCD controller
- PLC control for load/no-load and auto shut-off
- Easy access CRN/ASME air/oil receiver facilitates oil changes
- Easy to service “spin-on” oil filter & separators
- SAE “O” rings and compression fittings
- High temperature, high pressure and anti-rotation shutdown
- 3 micron, water-resistant air filtration material
- High-performance hydraulic hoses with “JIC” style fittings
- High thermal capacity aluminum oil cooler with integrated air after-cooler
- Factory supplied with synthetic oil

RUGGEDLY BUILT

Heavy steel cabinets are powder coated to withstand the wear and tear of industrial environments for many years. Highest quality components from internationally renowned suppliers ensure that your compressor will deliver for you year after year. G-series compressors feature “JIC” style hydraulic fittings, reverse rotation sensors and Wye Delta starters. Air/oil receivers are CRN/ASME approved, and the entire assembly has the QPS seal of approval. Sound attenuating foam barriers with oil resistant coating reduce noise levels.

LONG LIFE EXPECTANCY AIRENDS

Powerful oil-bathed airends with no metal to metal contact and are designed to offer the longest trouble-free performance when serviced according to our recommendations.

INNOVATIVE DESIGN

The modular design gives these compressors a small footprint and allows easy access to all components. This approach results in quick fluid changes and shorter downtime related to maintenance.

OPTIONAL ENERGY SAVING VSD

The VSD constantly aligns energy use with air demand, adjusting motor speed to provide optimum performance and reliability, resulting in a compressor that is extremely economical and energy efficient, providing energy savings of up to 25%.

OPTIONAL SEQUENCING MODULE

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





G - SERIES

ROTARY SCREW AIR COMPRESSORS

20, 25 & 30 HP

BASE MOUNTED

Model	HP	Sound Nominal	S.C.F.M.		Dimensions (inches)			Weight (lbs)
			120 psi	145 psi	Height	Width	Depth	
G20	20	67 dBA	82	73	48	49 3/4	32	1130
G25	25	68 dBA	100	91	48	49 3/4	32	1130
G30	30	69 dBA	116	106	48	49 3/4	32	1150

TANK MOUNTED PACKAGES

Model	HP	Sound Nominal	S.C.F.M.		Dimensions (inches)			Weight (lbs)
			ASD 100	10 Micron	Height	Width	Depth	
G20T	20	67 dBA	-	-	73 3/8	76 5/8	34 1/2	1522
G20TD	20	67 dBA	Yes	Yes	73 3/8	76 5/8	34 1/2	1722
G25T	25	68 dBA	-	-	73 3/8	76 5/8	34 1/2	1522
G25TD	25	68 dBA	Yes	Yes	73 3/8	76 5/8	34 1/2	1722
G30T	30	69 dBA	-	-	73 3/8	76 5/8	34 1/2	1542
G30TD	30	69 dBA	Yes	Yes	73 3/8	76 5/8	34 1/2	1742

Standard pressure setting is 120 psi.

Each G Series "T" Package includes:

- air compressor
- 120 gallon air receiver

Each G Series "TD" AirSystem® includes:

- air compressor
- 120 gallon air receiver
- air dryer
- air filter and canister

All tank-mounted compressors employ our DryTank™ configuration, which treats the air before it enters the receiver. This ensures the tank is virtually dry, abating corrosion & maximizing the capacity of the tank for its intended use, to store and provide continuously cool, clean and dry air, reliably and consistently.

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