

# Gardner Denver Rotary Screw Compressors

History, Stability & Dependability



**GD**  
**GARDNER DENVER™**

*Experience Proven Results™*

# History, Stability & Dependability

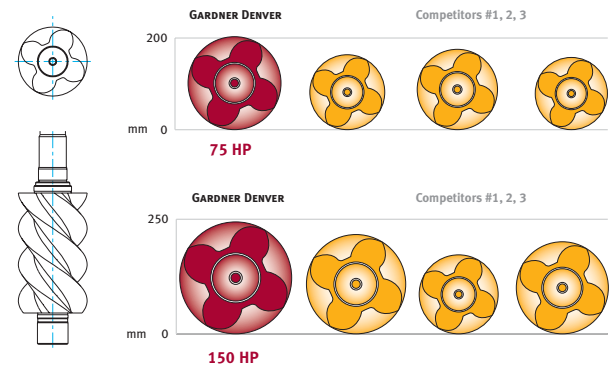
Gardner Denver's engineering ingenuity began in Quincy, IL, a Mississippi River town, in 1859. Gardner Denver today continues to be a stable, dependable partner for the world's demanding and ever-changing industrial product needs.

## Experience Proven Results

- 150 Years of Manufacturing Excellence
- 110 Years of Air Compressor Engineering
- 50 Years of Rotary Screw Compressor Innovation

## Quality & Reliability

- Commitment to Direct Drive Technology
- Large rotors and bearings for greater efficiency and slow speed operation for longer life (rotor size comparison below)



- Variable speed design with matched motor, drive, and airend for maximum energy efficiency and superior reliability

## Customer Service

- Headquarters in Quincy, IL USA
- Thousands of installations worldwide
- **Gardner Denver Authorized Distributors:**  
average 20+ years of compressed air experience
- Experienced, dependable service technicians
- Sales consultants that know the correct compressed air product for each compressed air application

1961  
Rota-Screw  
introduction

1970's  
Electra-Screw  
installation

1980's  
Electra-Saver  
mission  
critical  
location

present  
VS Series  
energy-saving  
installation

## Partnership for Success

For half a century, Gardner Denver rotary screw compressors have been the most trusted partner for the world's compressed air needs. From low horsepower at the local body shop to high horsepower at the largest of manufacturing plants, Gardner Denver rotary screw compressors continue to perform, maintaining production at the highest level. Whether it's a 24/7/365 constant air demand or a fluctuating day-to-day or shift-to-shift compressed air requirement, Gardner Denver provides the broadest range of rotary screw compressors to maximize productivity and energy savings.

**“It’s the all-day, every-day dependability and service that really matter.”**



### GD APEX – Peak Performance

- 5–15hp
  - Up to 59 ACFM
  - 110–175 PSIG
  - Low Noise
- The Workhorse of Low Horsepower!*



### GD Integra – Simple Reliability

- 20–50hp
  - Up to 225 ACFM
  - 100–175 PSIG
  - Low Noise
- Integrated Design = Small Footprint & Serviceability*



### GD Electra-Screw – Trusted Value

- 40–50hp
  - Up to 212 ACFM
  - 100–175 PSIG
  - Low Noise Enclosures Available
- Thousands of Installations!*



### GD Electra-Saver II – Slow Speed Reliability

- 15–200hp
  - Up to 1000 ACFM
  - 100–175 PSIG, 200 PSIG Select Models
  - Slow Speed Operation
- Direct Drive (most models) & Oversized for Dependability*



### GD Electra-Saver – Turn-Valve Efficiency

- 50–500hp
  - Up to 2580 ACFM
  - 100–150 PSIG, 175 PSIG Select Models
  - Slow Speed Operation
- Direct Drive (most models) with Variable Displacement Efficiency*



### GD VS Series – Constant Efficiency

- 15–335hp (11–250kW)
  - Up to 1553 ACFM
  - Variable Speed
  - Direct Drive 20 – 250kW
- Energy Efficient Across the Entire Operating Range*



### GD VST Series – Ultimate Efficiency

- 75–350hp (55–260kW)
  - Up to 2032 ACFM
  - Two Stage Variable Speed
  - Direct Drive
- THE Most Efficient Rotary Screw Compressor!*



### GD EnviroAire – Oil-free Energy Efficiency

- 20–150hp
  - Up to 634 ACFM
  - Variable Speed
  - Direct Drive Slow Speed Operation
- True Oil-less Compressor for Environmental Responsibility*



### Dryers & Filters – Available for All Models



# ESP 20/20



## The Future

### *ESP20/20 Remote Monitoring*

ESP 20/20 is a wireless remote monitoring solution that transforms the air compressor to an intelligent asset providing system performance and advisory notification.

- Reduce the risk of compressor downtime
- Monitor critical compressor operating parameters
- Receive automatic notification for routine maintenance
- Monitor multiple machines from one location any place, any time
- Wireless platform eliminates:
  - IP configuration and network setup
  - IT expert access for installation

An air compressor with the intelligent ESP 20/20 monitoring system is the only easy way to insure the compressed air system is operating efficiently, at the optimum levels, and with the least possible downtime.

## **Gardner Denver®**

[www.GardnerDenverProducts.com](http://www.GardnerDenverProducts.com)

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