Conveying Solutions
It’s all about... the BLEND

Your systems are not all the same—why should your blower be?

- **SUTORBILT & SUTORBILT DSL**
  - Bi-Lobe
  - Cool Air
  - Large Air

- **DUROFLOW**
  - Solid Bi-Lobe
  - Heavy Duty
  - Large Air

- **RBS SERIES**
  - Tri-Lobe
  - Heavy Duty
  - Large Air
Gardner Denver has more blower technology styles than anyone else.

We can help you customize your system to meet your needs. More technology styles provides tailored options for you.
It’s all about…
the NETWORK

- TECH SUPPORT
- FAST response
- 24 HOUR SERVICE
- LOCAL RELATIONSHIPS
- OEM PARTS
- LOCAL SUPPLY
- CERTIFIED Service

You
We’re Where You Need Us
It’s all about... the SIZING

QuickPik helps you customize our products to meet your demands.

Try it now!
Scan the QR code or visit: www.GDQuickPik.com
Sizing Made Simple

- Accessible information at your fingertips
- Compare & contrast blowers
- Fit technology to your exact needs
- Mobile-friendly design for your laptop, tablet & phone
- Will work off-line
- Set up and customize your profile
- Save selections for future reference
It’s all about...

SAVING MONEY

TOTAL COST OF BLOWER OWNERSHIP

- Energy
- Maintenance
- Investment

- Energy consumption is typically the largest cost of ownership
- Save BIG with best-in-class energy efficiency
- Lower your bottom line, increase your profits

CYCLOBLOWER H.E. VS. STRAIGHT LOBE

<table>
<thead>
<tr>
<th>BLOWER TECHNOLOGY</th>
<th>BHP USED @ 15 PSI</th>
<th>ENERGY COST PER YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Straight Lobe</td>
<td>163</td>
<td>$106,695</td>
</tr>
<tr>
<td>CycloBlower H.E.</td>
<td>129</td>
<td>$84,604</td>
</tr>
</tbody>
</table>

$22,090 ANNUAL SAVINGS

*Calculations based on the cost of providing 2,000 cfm of air for 8,760 hours (1 year of 24/7 operation) assuming motor drive efficiency of 90% and electricity cost of $0.09/kWh.
It’s all about...

HIGH PRESSURE

In many comparable applications, the CycloBlower operates more efficiently

CycloBlower H.E. delivers higher pressure than other straight-lobe blowers

Lower Horsepower = Lower Operating Costs

Higher Pressure = New Conveying Possibilities

The CycloBlower H.E.

- Can support dense phase conveying
- Oil-free compressed air
- Eliminates the need for traditional air compressors
- Best-in-class energy efficiency

Delivers up to 36 PSI
It’s all about...

the LEGACY

The ORIGINAL Rotary Screw Blower

A Reputation Earned by a Proven History of Quality, Reliability, and Performance

CycloBlower: Unique Screw Design

- Decades of proven results
- Efficient, shock-free compression
- Dependable quality
- High capacity
- Energy savings made possible by screw design
- Ideal for continuous operation

- Can be used for dense phase applications
- Clean air/gas delivery
- Installation flexibility
- Low cost installation
Experience Matters: Over 25,000 CycloBlower Installations World-Wide
It’s all about...

the PULSE

Protect your ears,
Protect your WORKFORCE
The HeliFlow Series

REDUCED PULSE = LOWER NOISE = QUIETER OPERATION

Lower Noise

Discharge pulsation is the chief contributor to high noise levels. HeliFlow provides the lowest pressure pulse in the lobe blower market. This reduces noise levels by 4–7 dBA over similar sized, straight-lobe blowers.

Reduced Pulsations

HeliFlow provides more consistent flow variation, reducing the potential for damage to downstream valves and instrumentation.

Higher Reliability

Discharge pressure pulsation causes axial thrust and higher variations in torque resulting in reduced bearing life. The HeliFlow smooth pulse operation extends the life of the blower.

BACKED BY A 2 YEAR WARRANTY

From date of initial use or 30 months from date of shipment

CHANGE IN PRESSURE PULSE

Rotation Angle – Degrees

Bi-Lobe
Tri-Lobe
HeliFlow
It’s all about…

the TRI-LOBE

Available in 29 Sizes

The RBS Series Delivers

■ Solid Tri-Lobe Rotors Offer Quiet, Efficient Operation
■ Robust Design for Reliability
■ Flexible Mounting Options for Easy Drop-in Replacement
■ Dual Splash Lubrication
■ 100,000 Hour Bearing Life
■ Increased Efficiencies

Options

■ Stainless Steel Options
■ High Vacuum Options
■ Force Feed Lubrication
■ Pre-Package Availability
■ Special Seal Options
Design Advantages

Dual Splash Lubrication
Reliable dual splash lubrication on both the drive and gear ends for longer product life.

Helical Gears
Helical timing gears for smooth and quiet operation at all speeds.

Leak Free Operation
Piston rings and flinger maximize seal life in continuous severe duty applications.

Durable Shafts
High strength shafts that allow higher operating pressures and rotation speeds.

Long Life Bearings
Reinforced roller bearings are calculated for a lifespan of 100,000 hours under the most severe operating conditions.

Three-Lobe Rotors
Involute Three-Lobe Rotors offer the highest performances and efficiencies.

Single Piece Cylinder
High strength impeller case is heavily ribbed and machined from a single piece of cast iron to retain internal clearances and improve heat dissipation.
It’s all about...

TOUGHNESS

Designed for Dusty, Abrasive Environments

- Single piece, high-strength rotor casting
- Oversized bearings
- Dual-splash lubrication
- Advanced oil and air seals
- ISO 9001 quality certified

Built for YOU, Built to LAST
It’s all about...

COOL AIR
Our blowers are designed to run cooler & protect your product

Hot Air Spoils Product

Sutorbilt

- Coolest in its class
- The most versatile blower available
- Over 240 configuration options
- Grease- or dual-splash lubrication
- Quiet series option

For over 75 years, the Sutorbilt family of positive displacement blowers and vacuum pumps have been synonymous with quality and reliability. The Sutorbilt line is at the heart of an ever-expanding variety of air solutions working every minute of every day around the globe.
It’s all about...

the Complete Package

Gardner Denver has more blower package options than anyone else.

We can help you customize your system to meet your needs. More technology designs provides tailored options for you.

- Smart Design
- Easy Maintenance
- Compact Installation
- Quiet Operation
- Enclosed or Unenclosed Available
- Inverter Duty Motors for VFD Capabilities

IQ-RB

SIMPLE
Straight Tri-Lobe
Pressure to 15 PSI
Vacuum to 15 inHg
5,500 Max CFM
3–500 HP
Fixed Speed
Mechanical Gauges
SMART
Twisted Tri-Lobe
Pressure to 15 PSI
Vacuum to 17 inHg
1,500 max CFM
7.5–100 HP
Fixed Speed or VFD
AirSmart Controller

EFFICIENT
3×5 Helical Screw
Pressure to 36 PSI
5,625 Max CFM
7.5–500 HP
Fixed Speed
AirSmart G2 Controller

Patented Rotor Profile
High Efficiency up to 36 PSI
It’s all about the RANGE

<table>
<thead>
<tr>
<th>Technology</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bi-Lobe</strong></td>
<td></td>
</tr>
<tr>
<td><strong>UP TO</strong></td>
<td></td>
</tr>
<tr>
<td>26,000 CFM</td>
<td></td>
</tr>
<tr>
<td>15 PSI</td>
<td></td>
</tr>
<tr>
<td>24 inHg</td>
<td>Wet</td>
</tr>
<tr>
<td>GD DuroFlow®, GD Sutorbilt®</td>
<td></td>
</tr>
<tr>
<td><strong>Tri-Lobe</strong></td>
<td></td>
</tr>
<tr>
<td><strong>UP TO</strong></td>
<td></td>
</tr>
<tr>
<td>14,570 CFM</td>
<td></td>
</tr>
<tr>
<td>15 PSI</td>
<td></td>
</tr>
<tr>
<td>27 inHg</td>
<td></td>
</tr>
<tr>
<td>GD HeliFlow®, GD RBS</td>
<td></td>
</tr>
<tr>
<td><strong>Helical Screw</strong></td>
<td></td>
</tr>
<tr>
<td><strong>UP TO</strong></td>
<td></td>
</tr>
<tr>
<td>6,700 CFM</td>
<td></td>
</tr>
<tr>
<td>36 PSI</td>
<td>Wet</td>
</tr>
<tr>
<td>24 inHg</td>
<td></td>
</tr>
<tr>
<td>GD CycloBlower®, GD CycloBlower® H.E.</td>
<td></td>
</tr>
<tr>
<td><strong>Blower Packages</strong></td>
<td></td>
</tr>
<tr>
<td><strong>UP TO</strong></td>
<td></td>
</tr>
<tr>
<td>5,625 CFM</td>
<td></td>
</tr>
<tr>
<td>36 PSI</td>
<td></td>
</tr>
<tr>
<td>17 inHg</td>
<td></td>
</tr>
<tr>
<td>IQ, IQ-RB, IQ-HE</td>
<td></td>
</tr>
</tbody>
</table>
Dense & Dilute Phase Conveying

SOLUTIONS
The leader in every market we serve by continuously improving all business processes with a focus on innovation and velocity.

Gardner Denver, Inc.
1800 Gardner Expressway
Quincy, IL 62305
866-428-4890
www.gardnerdenver.com/gdproducts

©2017 Gardner Denver, Inc. Printed in U.S.A.
PD-APP-CONVEY 3rd Ed. 4/17
Please recycle after use.