

ATLAS COPCO VACUUM PRODUCT LINE

Atlas Copco



GHS VSD+ SERIES

New generation, intelligent, oil-sealed rotary screw vacuum pumps feature Atlas Copco's Variable Speed Drive (VSD) technology. Based on the well-known and durable plug-and-play design principles of Atlas Copco compressors, these vacuum pumps have been designed to deliver peak performance and optimal efficiency.

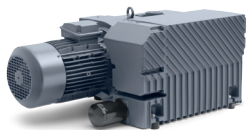
- Capacity range of 230 to 1060 acfm
- Innovative design features produce a leap forward in energy savings
- Superior performance against benchmarked oil-sealed and dry vane vacuum pump technologies
- Operating noise levels around half of comparable technologies
- Reduced environmental impact due to ultra-high oil retention at all operating pressures
- Hot-Cool canopy design means higher reliability



GHS 630-4800 SERIES

Fixed speed, oil-sealed rotary screw vacuum pumps provide up to 3,000 cfm of vacuum pumping performance. Ideal for critical applications in printing, electronics, plastics, packaging, woodworking, bottling, canning and other exacting industries.

- Capacity range of 365 to 3000 acfm
- Robust oil-sealed rotary screw technology
- Legendary Atlas Copco reliability, optimal efficiency and low life cycle costs
- Plug-and-play with all the options you need



GVS 20-300 SERIES

Proven oil-sealed rotary vane vacuum pumps ideal for general vacuum applications in industry. Robust and highly regarded product line based on advanced technology and market leading design.

- Capacity range of 14 to 215 acfm
- Innovative features ensure highest performance at the lowest lifecycle cost
- Standard, built-in gas ballast assists in water handling capability
- Suitable for continuous operation between 18"HgV to 29.9"HgV



GVD 0.7-28 SERIES

Small, two-stage, oil-sealed rotary vane pumps deliver excellent ultimate vacuum pressure. High pumping speeds and superior vapor handling capabilities. Feature Atlas Copco's patented mode selector enabling one pump for both high vacuum and high throughput applications. With more than 200,000 units in the field, these pumps set the standard for R&D and scientific pumping applications.

- Capacity range of 0.6 to 23 acfm
- Ultra quiet operation
- Easy-to-use gas ballast valve
- Fast acting anti-suck back system protection
- Full length oil sight glass with O-ring seal
- Hi-tech polymer blades and large diameter, easy-clean oil passages



GVD 40-275 SERIES

Two-stage, direct drive, oil-sealed rotary vane vacuum pumps with high ultimate vacuum, rapid pumping speeds, quiet operation and ability to handle water vapor. Compact and vibration free, these pumps feature finger-proof fan and coupling housings for excellent operator protection.

- Capacity range of 30 to 206 acfm
- Industrial roller bearings on drive shaft for reliability and long life
- Full height oil sight glass for easy checking of oil level and condition
- Easy change oil filter with oil filter condition gauge on larger models
- Central inlet port for easy mounting of mechanical booster pump



GLS 250-500 SERIES

Oil-lubricated rotary piston pump with the industry's most efficient, space-saving design sets the standard with over 10,000 units sold in 80 years. Continually improved, upgraded and fine-tuned, the GLS delivers renowned dependability and productivity with minimal maintenance and process downtime, all crucial for demanding applications such as the automotive or aerospace industry and their supply chains.

- Capacity range of 150 to 300 acfm
- Reliable operation even in arduous or dirty applications
- Efficient design provides maximum uptime with minimal moving parts and large clearance
- Low ultimate pressure: down to < 10-2 Torr
- Compact design which saves up to 50% of valuable floor space



AWS & AWD SERIES

Liquid ring vacuum pump packages offered in various configurations for operation in once through, partial or total recirculation. Available for both single (AWS) and two stage pumps (AWD) with capacities from 118-22,000 acfm and vacuum levels down to 29"HgV.

- Optional materials of construction: cast iron, stainless steel fitted, stainless steel complete
- Accessories have stainless steel wetted parts as standard
- Certified for hazardous area operation. (Explosion proof Class 1 Division 1 Group C & D)
- Non-hazardous area versions and full range of skid mounted accessories also available



ZRS 250-4200 SERIES

Mechanical booster pumps based on the simple Roots principle, ideal for applications where high pumping speeds are required. These pumps must always be backed by another pump that can deliver against a high-pressure differential to atmospheric pressure. Operating at relatively low pressures, the mechanical booster pump is not exposed to the same concentrations of corrosive process media as is the backing pump, which makes it highly reliable.

- Suitable for high pumping speeds in the pressure region of 0.0075 to 37.5 Torr
- High quality, oil-free pumping mechanism
- Proven shaft-seal arrangement prevents oil from enter the pumping stator
- Optimized shaft design prevents lubricants from migrating into the pumping mechanism
- Dynamically balanced rotors and precision ground gears contribute to the smooth, quiet operation
- Relatively low pressure for highly reliability



GVS 20-300 INDUSTRIAL/LABORATORY SYSTEMS

Packaged vacuum systems utilizing the GVS oil-sealed rotary vane vacuum pumps

- HMI touchscreen control panel for ultimate control of the system
- Standard Simplex and Duplex systems available in horizontal or vertical configurations
- Custom configurations available to meet any customer need

COMMITTED TO SUSTAINABLE PRODUCTIVITY

We stand by our responsibilities towards our customers, towards the environment, and the people around us. We make performance stand the test of time. This is what we call – Sustainable Productivity.