

We Keep Your Compressors Running. No Matter What.

A technician in a blue shirt and safety glasses is kneeling next to a large industrial compressor, writing in a clipboard.

Total lifecycle support for
diaphragm compression systems.



WHAT WE DELIVER

PDC delivers fast, expert aftermarket support that keeps your compression systems online, optimized, and performing at their best. We don't just service equipment, we prioritize your uptime every step of the way. Our aftermarket team becomes your single point of contact, supporting every stage of the lifecycle with the responsiveness, parts and expertise needed to keep operations moving.

Global Support. Rapid Response.

Parts@pdcmachines.com

Service@pdcmachines.com

+1 215-443-9442

Ext 1 – Technical Support
Ext 2 – Sales

Engineering & Technical Support

System design, optimization, upgrades, and site evaluation tailored to your application

Service & Maintenance

Commissioning, troubleshooting, preventative maintenance, comprehensive service agreements, and repairs to keep your operations running seamlessly

Parts & Reliability

OEM parts, critical spares, and engineered replacements for any equivalent system

Training & Competency

Comprehensive training, on-site or at our factory, to keep your team operating safely and confidently

Lifecycle Extension

Rebuilds, refurbishments, and upgrades to maximize assets

Testimonial:

"What sets PDC apart is the accessibility and responsiveness of the team. Their equipment performs exactly as expected, but it's their aftermarket support that makes the difference. That level of support isn't something you get from most companies."

- Tim Stepniak, Actylis

CORE SERVICE CAPABILITIES

Expert support when you need it most – planned or unplanned

PDC delivers end-to-end service support to keep diaphragm compressors operating safely, efficiently and dependably, across new installations, legacy systems and third-party equipment.



Commissioning & Start-Up

Get it right from day one.

- Installation verification and system checks
- Mechanical, process, and system integration
- Controls and instrumentation validation
- Start-up supervision and performance verification



Maintenance & Service Agreements

Keep Performance On Track.

- Maintenance programs tailored to operating conditions
- Scheduled inspections and preventative assessments
- Critical wear-parts and spare-parts planning
- Service strategies to extend equipment life and reduce costs



Field Service

Rapid response, wherever you are.

- Responsive technical support for troubleshooting and repairs
- Technicians available to support customers on-site
- Experienced specialists focused on maximizing system performance



Refurbishment & System Upgrades

Extend Equipment Life. Enhance Performance. Adapt for the future.

- Full teardown, assessment and component upgrades
- Targeted upgrades to improve capacity, functionality, and reliability
- Controls, automation, and instrumentation improvements
- Enhanced efficiency and reliability



Site Optimization & Performance

Designed for your site. Optimized for your success.

- Site evaluations to support reliable installation
- Assessment of environmental and operational conditions
- Layout and footprint optimization
- Performance validation and testing
- Improved site performance and uptime



Compressor Competency

Empower your team. Improve reliability.

- Theory of diaphragm compressor operation
- Learn how to disassemble and reassemble a compressor
- Master basic and advanced maintenance while building confidence in troubleshooting

OEM Parts. Global Availability. Proven Reliability

Uptime depends on having the right parts when you need them. PDC maintains one of the industry's most comprehensive inventories of diaphragm compressor components.

With operations across the Americas, EMEA and Asia Pacific, we ensure fast, reliable access to critical parts wherever you operate.



The Right Parts. When You Need Them.

- PDC's OEM parts are engineered to work with our compressors and have unique materials of construction, surface finish, dimensions/tolerances, and heat treatment
- Critical consumables in stock (diaphragms, valves, seals, filters, tubing and more), available to ship within 24 hours
- We assist customers with proactive parts planning for longer lead time items



CASE STUDY:

RESPONSIVE EXPERTISE. RAPID RESOLUTION.

The Challenge

Following a third-party compressor rebuild, Actylis experienced an unexpected change in performance within 40 hours. With the source unclear, determining the cause could typically have required an on-site service visit, additional diagnostic costs, and delays for their end customer.

PDC Approach

Working closely with the Actylis team through responsive remote support, PDC:

- Guided the team through potential causes and how to test each one
- Helped pinpoint the source of the issue remotely
- Developed a cost-effective, minimally invasive solution
- Overnighted critical parts at a key time for Actylis and its end-customer
- Stayed engaged through implementation and restart

CUSTOMER:

Actylis – global supplier of critical raw materials across life sciences, specialty chemicals and agri-science

The Outcome

Actylis avoided the cost and delay of an on-site service visit while quickly implementing the right solution and protecting critical production commitments.

The Bottom Line

PDC combines remote accessible technical expertise, practical problem-solving and rapid parts support to keep customers moving.

"PDC stayed engaged the entire time, helping us troubleshoot and get the right parts quickly. That made all the difference."





Aftermarket engineering for any compressor system.

PDC's expertise extends beyond diaphragm compressors by supporting third-party compressor systems through advanced engineering, design analysis, and application-specific performance enhancements.

Beyond replacement.
Built for improvement.



CASE EXAMPLE:

FASTER THAN OEM. PROVEN IN THE FIELD.

A Virginia-based customer engaged PDC to assess a competitor's diaphragm compressor. Following on-site evaluation, PDC engineered and delivered replacement parts within weeks – while the OEM quoted lead times of several months.

PDC is now a trusted partner, supporting ongoing uptime and long-term reliability.



What We Do

- Design analysis of existing components
- Apply advanced materials and optimized designs
- Flow, stress and application-specific analysis
- Improve performance, durability and reliability
- Engineering-validated through testing and inspection

How We Do It

- On-site evaluations and performance assessments
- Detailed inspection of internal components
- Material selection and design optimization
- Performance analysis under real operating conditions
- Validated solutions for reliability and longer service life

Machining Capabilities

PDC utilizes advanced CNC machining and CAD/CAM systems to produce precision components with tight tolerances and consistent quality.

- Parts from 1/8" to 50" diameter
- Extensive machining programs
- Reduced lead times and repeatable performance

Contact

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