



AFTERMARKETSolutions

OPTIMIZING PERFORMANCE AND LIFE-CYCLE COST OF OIL & GAS ASSETS





Quality Aftermarket Parts & Services

- Products
- Services
- OEM and Aftermarket Parts
- Efficient & Safe Operations
- Streamlined Maintenance
- Equipment Upgrades
- Training
- Best Practice Guidance

AFTERMARKET SOLUTIONS

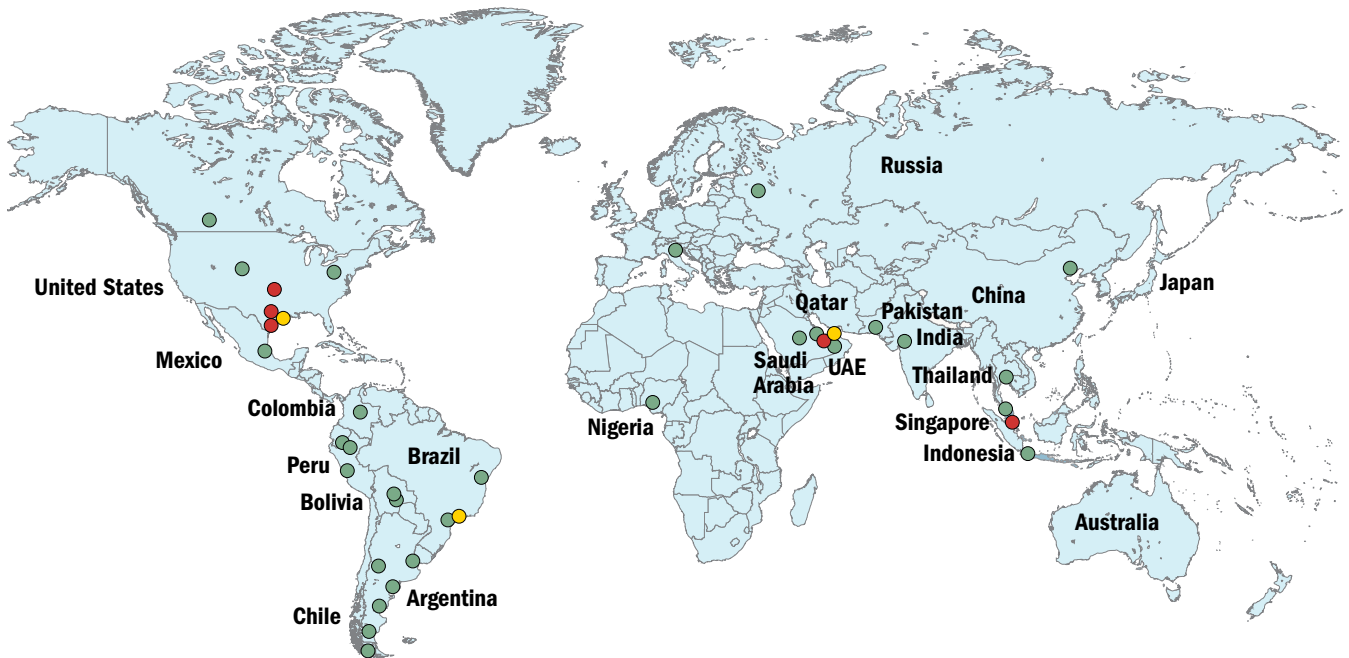
Expertise, Extensive Range of Services and a Global Support Network

Exterran has built its reputation through continued safe and reliable operations of one of the largest fleets of contract compression equipment in the world. By strategically adding technologies, products and services, we provide our customers with complete solutions to their oil and gas production and processing requirements.

At Exterran, we continually strive for ways to make our service more efficient and effective while never compromising quality or safety. We work diligently to maintain our safety standards and are ISO 9001, ISO 14001 and OHSAS 18001 certified. Outstanding service means anticipating your needs and providing solutions that deliver long-term value.

Local Expertise
>75% of employees are outside the U.S.

Leading Technical Capabilities
5 global engineering and manufacturing centers



- Regional Headquarters
- Engineering and Manufacturing Centers
- Other Major International Locations

WORLD CLASS EXPERTISE

Exterran brings a solid reputation backed by decades of service experience to the oil and gas market. Our ability to design, manufacture, install, operate and service compression, production and processing and treating equipment is unmatched in the industry. Exterran's highly-skilled technicians can service equipment at your site or in our shops around the world to maximize your equipment runtime.

Our experienced, factory-trained technicians arrive on-site, ready to provide efficient and thorough service on multiple brands of equipment. We regularly provide technical and safety training to our employees and maintain highly competent OEM (including Ariel, Caterpillar and Waukesha) certified technicians in house. We also share best practices and operating and maintenance procedures to help maximize equipment performance and availability.

Seamless service to ensure safe, cost-effective production and processing

You can be confident partnering with Exterran. Our combined expertise in equipment design, manufacturing, field operations, OEM parts and service help assure effective operations and maximized runtime. Our worldwide team consists of more than 2,000 mechanics, engineers and technicians with demonstrated technical proficiency across all brands of equipment. We have numerous hub and satellite service locations worldwide ready to assist your business.

Exterran offers tailored maintenance services that include preventive, scheduled and ongoing requirements, including long-term service agreements. Our well-trained and responsive team of field technicians is fully equipped and ready for any unscheduled maintenance request that may arise.



Technician Certification Programs

- OEM training for engines and compressors
- Exterran in-house training programs for instrumentation, production, processing & operations
- Internal and external Health, Safety and Environment (HSE) training

Exterran supports our customers with a comprehensive array of services, including:

- Installation, commissioning and startup
- Complete facility operation
- Spare and replacement parts
- Maintenance services - scheduled, unscheduled, preventive and contract
- Inspections
- System upgrades & reconfigurations
- Field machining
- Foundation repair
- Removal, disassembly, reassembly
- Overhaul and remanufacturing
- Mid-cycle and full overhauls
- Responsive emergency repair work
- Engine management
- Emissions testing
- Performance analysis
- Leak detection and repair
- Predictive Maintenance (PdM)



Compression Services:

- On-shore
- Off-shore
- Operations and Maintenance
- Parts
- Services
- Repairs
- Upgrades

Brands Serviced:

- Ajax
- Ariel
- Arrow
- Caterpillar
- Cummins
- Dresser-Rand
- Frick
- Gardner Denver
- GE
- Howden
- LeROI
- Mayekawa Mycom
- MHI
- Rolls Royce
- Siemens
- Solar Turbines
- Sullair
- Superior
- Wärtsilä
- Waukesha
- White Superior

COMPREHENSIVE COMPRESSION SERVICES

Exterran provides comprehensive compressor services to keep gas compression fleets working – from emergency call-out repairs to preventive maintenance to field overhauls to long-term agreements. Our technicians are experienced and adept at maintaining and repairing compression assets. Exterran has technicians strategically located in or near every major oil and gas producing region around the world, so we can be on site quickly to address issues and minimize downtime.

We have extensive experience operating and maintaining nearly any kind of rotating equipment needed in compression operations – reciprocating and centrifugal compressors, gas and diesel engines, generators, turbo expanders, pumps and gas turbines.

Contract Maintenance

Exterran offers ongoing services to help keep production lines and profits flowing. We can provide contract maintenance for a single piece of equipment or an entire facility, anywhere in the world. No matter what scope of services is needed, our staff of highly trained and experienced supervisors and technicians will help develop and execute a preventative or scheduled maintenance program for your equipment.



OIL AND GAS PROCESSING AND TREATING SERVICES

Exterran can manage every aspect of your oil and gas processing and treating plants, including operations and maintenance, so you can start your production with utmost confidence in the reliability of your facilities. We offer installation and commissioning services to assist with startup. Once equipment is operational, we help keep it that way with an array of preventive maintenance services. It's not only about being competitive; it's about the technical expertise of our highly experienced Engineering Teams.

Field Services

Exterran Field Service technicians are recognized globally as the team to keep your assets working. Our expertise is earned after years of continuous training and on-site experience.

- The 'Service on Call' program is available to help you at any time with our reactive service.
- Plan your maintenance activities in advance. Service agreements can help keep your assets working. We will reduce operating costs and downtime with site-specific maintenance programs.

Parts Supply Agreements

Our highly experienced parts technicians are experts in international logistics and trade controls, including import and export compliance.

- Our parts specialists are at your disposal for advice on parts requirements, recommended spares lists for overhauls or support when dealing with a failure.
- Global parts agreements can give the best price, inventory control and pre-planned delivery for your consumables, long term planning with no purchasing surprises.

Spares Supply Planning

In addition to our full range of replacement parts, Exterran provides recommended combinations of spares for planned maintenance projects and contingencies, including:

- Complete package re-engineering and revamp
- Startup and commissioning
- Two-year operating inventory of parts

Plant Upgrades

Retrofits, upgrades, product improvements, revamps and continuous improvement start with an Exterran Site Survey; our Field Service Engineers will guide you through the process.

Services Include:

- Commissioning and startup
- Operations supervision
- Production operators
- Mechanics and technicians
- Scheduled maintenance
- Quality inspection
- Health, safety and environmental review & supervision
- Process safety management (PSM) documentation
- Emergency call-outs
- Performance analysis
- Emissions testing
- System upgrades
- Spare Parts
- Training

Processing & Treating Equipment

- Dehydration
- BTEX
- Oil treatment
- Liquids removal
- NGL fractionation
- Refrigeration
- Stabilization
- Recovery
- Conditioning



Refurbishment Services:

- On-site or in-shop overhaul
- Engine, compressor and component machining and remanufacturing
- Piping, vessel, and structural repair
- Sandblasting and painting
- Electrical and control board repair or replacement
- Turbocharger repair
- ASME code vessel repair or replacement
- Machine shop services
- Compression restaging capabilities

EQUIPMENT RE-FURBISHMENT AND RESTORATION SERVICES

Even after years of use, engines, compressors, production and processing equipment can be refurbished and restored to like-new condition or re-configured for new service by Exterran's overhaul team of experts.



AFTERMARKET PARTS AND SERVICES SOLUTIONS

Exterran provides comprehensive OEM and 3rd party parts and services worldwide – from simple replacement component supply to full onsite maintenance and operations. We help minimize downtime and maximize the life of your equipment, lowering your overall life cycle cost.

As an OEM representative for many manufacturers, Exterran supplies the full range of parts needed for the maintenance, repair and overhaul of oil and gas equipment, including natural gas compressors, industrial engines, power generator equipment, and oil and gas production and processing equipment. Our highly experienced parts technicians are experts in international logistics and trade controls, including import and export compliance.

Exterran maintains ready inventories of critical parts at strategic locations around the world to provide key items needed quickly to keep equipment operating. We supply new, used, remanufactured, OEM and aftermarket parts, and the equipment and services needed for the maintenance, repair, recondition and overhaul of most brands of equipment. In addition, Exterran was named a Platinum participant in GE's Gas Compression Power Packager Program. Because we purchase Waukesha parts directly through online global access, we can provide our customers with faster access to genuine Waukesha factory parts and expert-trained technicians. Exterran also participates in Caterpillar's international Gas Compressor Fleet Program, which provides expedited parts and service for our customers.

Aftermarket Services

- Products · Parts · Maintenance
- Services · Operation

Spare and Replacement Parts

Inventories of critical components are located in strategic locations around the world and include:

- Engines
- Compressors
- Coolers and other support equipment
- Production and processing equipment
- Valves and instruments
- Turbochargers
- Power generation equipment

Inventory Management Solutions

- Consignment programs put spare parts into inventory at customer locations anywhere around the globe
- Parts kitting programs bundle parts for defined mechanical tasks

Gas Reciprocating, & Screw Compressors		Spark Plugs		Couplings & Valves	
Turbochargers		Emissions		Lubrication	
Controls & Gauges		ASME Vessels		Gauges and Controls	
Filtration		Starters and Regulators		Power Parts	
Engines		Cams & Crankshafts		Coolers	

CUSTOMER SERVICE IS OUR CULTURE

Learn why more customers choose
to partner with us, at Exterran.com

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