COMPRESSOR EXPERTS

SOLUTIONS THAT KEEP COMPRESSORS RUNNING

Company Profile

2026 · Refrigeration and air conditioning compressor overhauls, rewinds, exchange and rentals.



REGISTERED NAME

Compressor Experts (Pty) Ltd
Reg. K2024666036

CONTACT

+27 60 320 5659
service@compressorexperts.co.za

WORKSHOP

Unit A3, Wadeville Business Park, 3 Sardine Road
Wadeville, Germiston, 1428

HOURS

Monday to Friday, 07:30 – 16:30
24/7 for breakdowns and emergencies

OVERVIEW

Your Customer. Your Contract.
Our Compressor Expertise.

Compressor Experts works alongside HVAC and refrigeration contractors as a specialist technical partner, providing the compressor expertise, workshop capability, field support and logistics required to take a compressor problem from initial failure through to successful recommissioning.

> **We strengthen your technical capability while you remain in control of your customer and your project.**
>
> When a compressor fails, the contractor often has to coordinate fault diagnosis, refrigerant recovery, rigging, transport, workshop repairs, parts, reinstallation and commissioning. That creates delay and exposes the contractor to technical and commercial risk. We bring those activities together into one coordinated specialist service.

Who we work for

- Refrigeration and HVAC contractors
- OEMs
- Commercial refrigeration
- Industrial refrigeration
- Process cooling
- Cold rooms and freezers
- Chillers
- Food-processing facilities
- Manufacturing plants
- Mission-critical cooling

Where we work

On site across Gauteng from the Wadeville workshop. Workshop, exchange and rental support for customers across South Africa and Southern Africa — because Rapid Logistics collects from site and delivers back, the workshop is not limited to the province it sits in.

One workshop, in Wadeville, Germiston. No branches elsewhere.

From failure to full operation

Failure	Diagnosis	Removal	Transport	Repair	Return	Installation	Commission-ing	Warranty

Instead of separately managing riggers, transporters, rewinders and commissioning specialists, the contractor gets one specialist partner and one accountable solution across the whole compressor scope.

What we do

Compressor audits

Condition assessment of refrigeration and air conditioning compressors in service, so the work can be planned instead of waited for.

- Inspections and fault diagnosis
- Failure analysis and technical reporting
- Oil analysis and condition assessment
- Electrical and insulation testing
- Data monitoring and performance analysis

Rapid Logistics

We take the refrigeration or air conditioning compressor off your hands at the plant and hand it back running — decommissioning, rigging, transport, overhaul, transport back, reinstallation and recommissioning assistance, under one job number.

- Decommissioning
- Refrigerant recovery and system isolation
- Rigging compressors out
- Transport from site to workshop
- Repair and overhaul coordination
- Transport back to site
- Rigging compressors back into position
- Reinstallation assistance
- Preparation for recommissioning

Compressor overhauls and repairs

Complete strip, inspection, measurement and rebuild of semi-hermetic piston and screw refrigeration and air conditioning compressors, across ammonia and freon systems.

- Complete repairs and overhauls
- Mechanical repairs
- Preventative and corrective maintenance
- Inspections and fault diagnosis
- Failure analysis and technical reporting
- Motor replacement with new motors
- Electrical and insulation testing
- Oil analysis and condition assessment
- Data monitoring and performance analysis

Motor rewinds and replacement

Rewinding and replacement of motors and stators in refrigeration and air conditioning compressors, with the electrical testing to prove the result.

- Compressor motor rewinding
- Stator replacement
- Motor replacement with new motors
- Electrical and insulation testing



Low temperature application screw compressor being transported to the workshop for repairs



Hanbell compressor during on-site audit

Installation and commissioning

Getting a refrigeration or air conditioning compressor back into the system correctly and proving it runs — from pressure testing and charging through to start-up and operating-parameter analysis.

- Pressure testing
- Evacuation
- Refrigerant charging
- Electrical checks
- Rotation verification
- Oil management
- Start-up assistance
- Complete refrigeration system commissioning
- Compressor commissioning
- Superheat and subcooling checks
- Compressor current and loading checks
- Capacity and performance verification
- Operating parameter analysis
- Commissioning reports

Specialist technical support

On-site and workshop assistance for difficult refrigeration and air conditioning compressor faults, commissioning problems, and electrical and mechanical failures.

- On-site technical assistance
- Workshop technical assistance
- Difficult compressor fault diagnosis
- Commissioning problem support
- Electrical failure investigation
- Mechanical failure investigation
- Refrigeration-system-related compressor issues

Compressor exchange

Exchange solutions can help contractors restore equipment faster where a suitable refrigeration compressor is available: an exchange unit goes in, and your failed compressor comes to us for assessment and overhaul.

- Exchange compressor solutions
- Replacement of failed compressors with available exchange units
- Customer compressor returned for assessment and overhaul
- Rapid exchange support for critical breakdowns
- Technical support for installation and commissioning

Temporary compressors

Where technically suitable equipment is available, a temporary refrigeration compressor can be provided while the original is undergoing repair, helping reduce customer downtime.

- Short- and medium-term rentals
- Emergency rentals
- Temporary compressors during major repairs and overhauls
- Rental solutions for planned shutdowns and equipment replacement
- Rapid Logistics support for rental units
- Installation and commissioning assistance
- Technical support throughout the rental period



Pistons and connecting rods during inspection
Compressor Experts



Piston compressor during repair

BRANDS

Compressors we work on

Semi-hermetic piston and screw compressors, across ammonia and freon systems.

BITZER | BOCK | Copeland | Dorin | Frascold | Hanbell | RefComp | MYCOM

Carrier / Carlyle | GEA | Sabroe | Daikin | Mitsubishi | Hitachi

These are the brands we service — not brands for which we are appointed agents.

Capability

Workshop

Strip, inspection, measurement, failure analysis, mechanical and electrical overhaul, motor rewinding and stator replacement, insulation and electrical testing, oil analysis, reassembly and test.

On site

Decommissioning, refrigerant recovery and system isolation, rigging out and in, transport both ways, reinstallation, and commissioning assistance including start-up testing, superheat and subcooling checks and commissioning reports.

Rapid Logistics — what makes the difference

Most workshops begin when the compressor arrives at their door; getting it there is the customer's problem. We do the whole movement ourselves — decommission, recover, rig out, transport, overhaul, transport back, rig in, assist recommissioning. That removes the handovers between rigger, transporter and workshop, which is where breakdown jobs usually lose their days.

Contractor partner program

You do not need to build a compressor workshop to offer specialist compressor services. Engage us at whichever level fits the job and your own capability.

Workshop Partner

You remove the compressor. We inspect, repair, test and return it.

Technical Partner

We assist with diagnosis, repair and commissioning while you manage the site work.

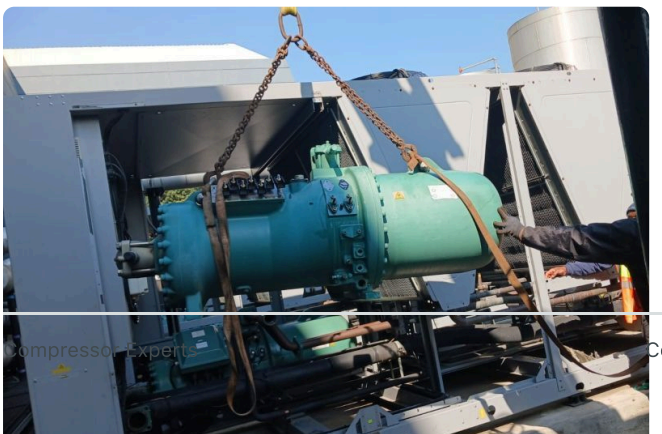
Complete Compressor Partner

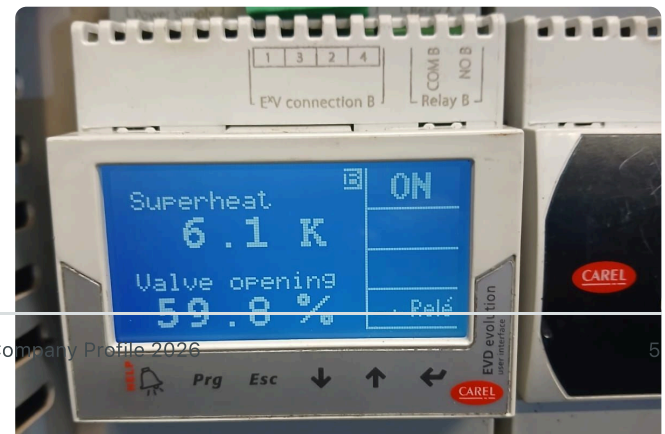
We manage the compressor scope from site removal through logistics, repair, reinstallation and commissioning.

Emergency Support Partner

Priority response for breakdowns, exchange units and temporary compressor solutions where available.

Approved contractor accounts can be considered, including 30-day terms, subject to credit approval.



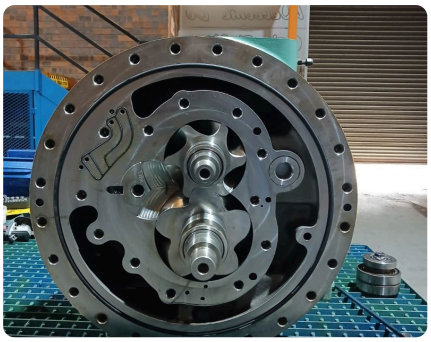


SELECTED WORK

When others recommend replacement, we restore reliability

No customer is named. References are available on request.







Bitzer CSH9573-240Y-40D semi-hermetic screw

1.2 MW Schneider Electric / Uniflair chiller, mission-critical data centre

Removed from the chiller and brought to the workshop. Decommissioning, refrigerant recovery, cable marking, pipe disconnection, transport to workshop, inspection, failure analysis, repair, rebuild, and preparation for reinstallation and commissioning.

Bitzer CSH9573-240Y-40 screw

Electrical winding failure on site

Winding replacement, bearing set, oil, check valve and pressure relief valve, with a complete strip inspection and precision reassembly. It saved the customer hundreds of thousands in replacement costs.

Bitzer HSN8571-125 screw

Complete industrial screw compressor overhaul

Complete strip-down and inspection, screw rotor inspection, bearing and shaft seal replacement, motor rewinding and electrical fault diagnosis, precision mechanical repair, then reassembly and testing before return to service.

Bock HGX66E/1750 semi-hermetic

Electrical and mechanical overhaul

Overhauled electrically and mechanically, and prepared for return to service.

Dorin H5000CC

Complete overhaul

Overhauled in full, returned to site, commissioned, and back in operation.

Bitzer 6FE-50Y-40P semi-hermetic piston

Complete overhaul

Full strip-down and inspection, mechanical rebuild and electrical winding repair, with every component inspected and measured. Checked mechanically and electrically, then wrapped and packaged for dispatch.

COMPLIANCE

For your procurement file

REGISTERED NAME
Compressor Experts (Pty) Ltd

REGISTRATION NUMBER
K2024666036

B-BBEE
Level 1

WARRANTY
12-month workmanship

TRADE REGISTRATION
Mechanics are registered gas practitioners

REGISTERED
2024

References

References are available on request.

Group

HVAC Technologies (Pty) Ltd is our sister company and works on site: installation, recommissioning and root-cause investigation. Compressor Experts is the workshop — removal, transport, strip, overhaul, rebuild and test. Between the two, a job does not have to be handed between companies that have never spoken.

Contact

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WEBSITE
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LINKEDIN
linkedin.com/company/compressor-experts-pty-ltd

OFFICE HOURS
Monday to Friday, 07:30 – 16:30

BREAKDOWNS
24/7 for breakdowns and emergencies

What to send with an enquiry

Compressor make, model and serial number · the application · fault symptoms · site address and access. Photographs of the nameplate and the plant room usually save a site visit.

Compressor Experts (Pty) Ltd · Reg. K2024666036 · B-BBEE Level 1 · Our compressor repair workmanship is backed by a 12-month warranty, subject to agreed terms and operating conditions.