



**ARDORVIS  
TECHNOLOGY**

Part of the Heat & Power Group

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## Industrial Compressors: Supply, Servicing & Spare Parts

At Ardorvis Technology Ltd, we specialise in the supply, overhaul, and servicing of positive displacement compressors used in gas, vapour, and air applications across a wide range of industries. From biogas upgrading to industrial process gas handling, our solutions are backed by onsite and offsite support, genuine spare parts, and complete maintenance kits to ensure long-term reliability.

We support everything from routine servicing to full compressor rebuilds at our workshop or directly at your facility.

### Our Services Include:

- Onsite compressor diagnostics, inspections, and maintenance
- Workshop-based overhauls and complete rebuilds
- Rotor balancing, vane and seal replacements, valve and piston servicing
- Vibration analysis and leak detection
- Supply of genuine and aftermarket spare parts
- Complete maintenance kits for scheduled servicing or shutdowns
- Emergency breakdown response and commissioning support

## Compressor Types We Support

### Positive Displacement Compressors

All of our supported compressor types work by mechanically reducing the volume of gas to increase pressure. These compressors are ideal for:

- Biogas upgrading
- Landfill gas extraction
- Vapour recovery
- Industrial air compression

### Rotary Vane Compressors

- Compact and durable, ideal for biogas, air, and vapour service
- Simple internal structure, ideal for continuous duty and lower maintenance
- Available in ATEX-rated designs for hazardous areas

**Brands:** Ro-Flo, Mapro

## Rotary Screw Compressors

- High-efficiency twin-screw designs for medium to high flows
- Available in **oil-lubricated and oil-free** versions
- Commonly used in **biogas skids, process gas compression, and industrial refrigeration**

**Brands:** SRM (Sundyne), Atlas Copco, Adicomp, Ingersoll Rand, SAFE, Sullair, Kaeser, BOGE

## Reciprocating (Piston) Compressors

- Suitable for high-pressure gas systems or intermittent duty cycles
- Ideal for vapour recovery, gas transfer, and chemical dosing
- Capable of compressing a wide range of gases, including methane, CO<sub>2</sub>, and hydrogen

**Brands:** FernovoGas, Howden, SAFE, Sauer, Dresser-Rand, Ariel

## Compressor Manufacturers We Support

We supply, overhaul, and maintain units from an extensive range of global manufacturers:

Ro-Flo Compressors

SRM (Sundyne)

Adicomp – Biogas and landfill gas screw compressor skids

SAFE – High-pressure piston compressors for biomethane, hydrogen, and process gas

FernovoGas

Mattei

Gardner Denver

Atlas Copco

Kaeser

BOGE

Sullair

Ingersoll Rand

Howden

Sauer Compressors

Ariel Compressors

Dresser-Rand

## Spares & Maintenance Kits

We offer full OEM and compatible parts, available individually or as complete overhaul kits:

- Bearings
- Vanes and rotors

- Seals, gaskets, O-rings
- Pistons, rings, valve plates
- Filters, separators, and lubricants
- Alignment and mounting hardware

All kits are matched to your compressor make, model, and serial number, ensuring precise fit and long service life.

## **Applications We Serve**

- Biogas upgrading and compression skids
- Landfill gas and flare gas handling
- Gas storage and bottling
- Anaerobic digestion and CHP systems
- Chemical and petrochemical gas recovery
- Air compression in industrial and food processing systems

## **Why Choose Ardorvis?**

- UK/European-based service and rapid response
- Decades of hands-on industrial experience
- In-house engineering and workshop rebuilds
- Extensive spares supply chain
- Certified for hazardous area servicing, including ATEX-rated systems

Need help identifying your compressor model or choosing the right overhaul kit?

Contact our technical team for assistance with spares, service scheduling, or to book an onsite health check or rebuild.