



Energy and cost savings made simple with HPC

By focusing on energy efficiency, HPC is able to assist customers to control costs and minimise their environmental impact with a number of simple and effective measures:

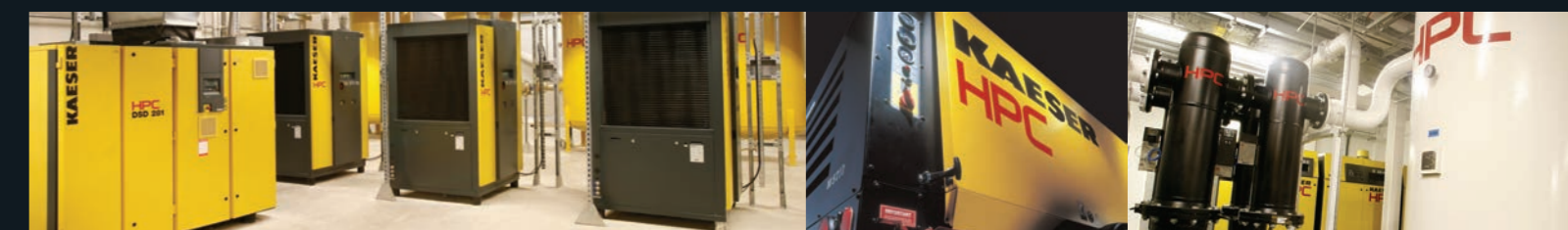
- **SIGMA Air Manager** - this compressed air management system optimises the compressed air supply and can significantly reduce energy consumption by up to 30%
- **SIGMA Profile** - providing more air and more savings, specially developed SIGMA Profile rotors are at the heart of every HPC screw compressor providing 5% to 15% improved performance compared with conventional profile rotors
- **SIGMA Control** - based on advanced industrial PC technology, the SIGMA Control compressor controller uses a high precision pressure sensor and offers four control modes to enable energy savings of 20%
- **Heat Recovery** - the use of warmed compressor cooling air to provide highly effective space and water heating can provide recoverable heating energy savings of 94% and up to 72% can be recovered through the use of hot water heating systems
- **SECOTEC Control Refrigerant Dryers** - compared with conventional dryers, SECOTEC refrigerant dryers can achieve 88% energy savings and can be eligible for ECA's
- **Optimising System Pressure** - with HPC assistance a reduction in system pressure of 1 bar can equate to a 6% energy saving
- **Improved Air Distribution** - Effective compressed air leak detection and correction combined with modern smooth bore energy efficient pipework systems will reduce unnecessary power consumption at source

- **Air Demand Analysis** - The path to maximum energy savings is the proper application of compressor control systems. A thorough air demand analysis will obtain the information required to optimise a compressor systems performance and reduce energy costs further
- **Regular and Effective Maintenance** - regular planned care and maintenance will keep modern, sophisticated compressed air equipment operating reliably and at peak efficiency. The use of manufacturers genuine parts will also enhance and protect a systems long term performance



Performance, Precision, Partnership

Contact HPC Compressed Air Systems today for prices and information on air compressors, air treatment products, compressor controllers and air management systems, compressor maintenance, air compressor servicing and pipework system installations.



Benefits of investing in HPC

- HPC is one of the UK's largest and most successful compressed air solution providers
- HPC is a family business with commitment to customer support and value for money
- With over 50 years experience, HPC provides tailored solutions supported by factory trained, time served technicians
- HPC supplies high quality compressed air products and provides a lifetime of value-added services and support
- HPC can provide competitive service quotes for all makes and types of compressors and compressed air equipment

The Premier Compressed Air Company for Birmingham, Warwickshire, Herefordshire and Worcestershire



Performance, Precision, Partnership



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HPC | Compressed Air Systems



HPC is proud of its 50 years as the UK's most respected supplier of compressed air systems and services

HPC Compressed Air Systems is recognised as the gold standard in the industry, supplying innovative products and system solutions to the UK's highest quality manufacturing businesses.

A leader in the UK market for fifty years, HPC's "yellow-box" compressed air systems can be found throughout British industry, from workshops and garages to factories and power stations.

From initial air demand survey, through system design, installation and total care servicing, to end-of-life replacement, HPC believes in continuity of care, courtesy and professionalism.

HPC engineers have a wealth of experience of installing and servicing compressed air systems. This enables HPC to provide a service of the highest quality to customers 24 hours a day, 365 days a year.

HPC is able to respond quickly and at short notice to your needs and holds an unrivalled stock of spare parts along with new and reconditioned equipment.



Products

"We supply a premium product and service - not always with the lowest initial capital investment, but always designed to deliver the most economic true lifetime cost of compressed air"

HPC Compressed Air Systems provide quality, reliable, long-term cost-effective solutions to customers' present and future compressed air requirements.



"We are often the only supplier prepared to guarantee our figures for energy efficiency"

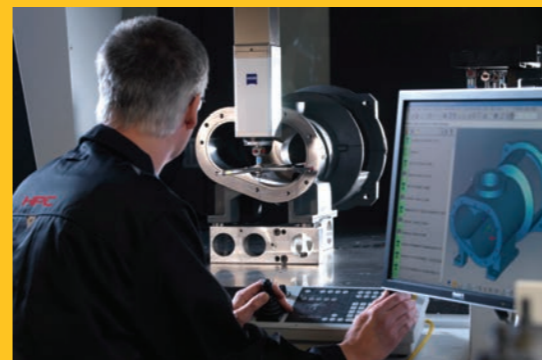
HPC's customers are increasingly focused on energy efficiency, to both control costs and reduce their impact on the world's natural resources. HPC always provides the most efficient system solutions while minimising the environmental impact of its products.

The range of HPC compressed air equipment includes:

- Rotary screw compressors - 2.2 to 450kw (5.5 to 15bar)
- SFC variable frequency compressors
- Packaged air systems
- Refrigerant and Desiccant dryers
- Filtration and air purifying equipment
- Condensate management
- Compressor controllers and air management systems
- Air receivers and storage
- Piston compressors
- High pressure boosters
- Portable compressors
- Rotary blowers, exhausters and vacuum

"We know our compressors inside out because we are part of the manufacturing process"

HPC Precision Engineering partners Kaeser Kompressoren GmbH of Coburg, Germany in the production of Sigma Profile air-ends. To maintain the close-tolerances required to ensure high energy efficiency and long operational reliability, HPC machines to within microns in temperature and humidity controlled environments.



All HPC compressors* feature Premium Efficiency IE3 motors that meet or exceed the energy efficiency criteria required to be eligible for Enhanced Capital Allowances (ECA's)

*excluding SX and SXC Series



Servicing

Servicing your Compressed Air Requirements

Effective maintenance is essential for the reliability and efficiency of a compressed air system. Regular maintenance can help eliminate the risks associated with costly downtime and maximise productivity. HPC engineers are multi-skilled, factory trained and have the resources and ability to respond to any situation 24 hours a day, 365 days a year.



HPC engineers have access to the latest equipment and technology which allows quick, efficient diagnosis and repair keeping "downtime" to a minimum.

HPC is able to provide competitive service quotes for all makes and types of compressors. An extensive stock of spares and a range of compressed air equipment, that is immediately available, enables HPC to install new systems at short notice. In addition, re-conditioned stock and hire equipment is also readily available.

"HPC service all makes and types of compressors and compressed air equipment"



"HPC supply a premium product and service designed to provide long-term cost effective solutions to customers' present and future compressed air requirements"

HPC's range of compressed air services include:

- Energy saving audits
- Complete turnkey installations
- Installed system modifications
- Compressor and dryer hire
- Heat recovery and ductwork
- Air quality testing to food industry and breathing air standards
- Point of use flow metering
- Remote monitoring and diagnostics
- Air leak surveys and repairs
- Insurance inspections
- Carbon Trust loan and ECA advisors
- Preventative maintenance service agreements
- Extended warranty
- Emergency breakdown and 24 hour call out
- Pipework and ring main installations (new or modifications)
- Site commissioning and customer handover training