



**Thorite**  
AIR • FLUID • POWER • PERFORMANCE



**Compressed air systems**



**SERVICE**

Thorite is the UK's leading supplier of air compressors and compressed air systems. Our comprehensive range of products represents the very best from top industrial fluid and air system manufacturers, offering customers the most comprehensive range of market leading, cost-effective equipment in the UK. By specialising in the design, installation and maintenance of compressed air systems.

At Thorite we're different... We provide total factory solutions.

**Bespoke Requirements**

Thorite's highly qualified service engineers are able to deal with all issues relating to compressor plant and systems. Our experienced team can assist in all aspects of selection and specification and our service team will ensure your package is professionally installed and a suitable aftercare program put in place to ensure economic and trouble free performance. By focusing on energy saving for your business and its environmental needs, we provide you the most cost effective and environmentally acceptable solution.

**Tailored Maintenance Programs**

Maintaining your compressor plant at peak operating conditions ensures maximum performance, lower running costs and a longer life, providing a substantially improved return on your investment. Thorite provide an unbeatable level of customer care and range of service package options to suit your individual needs. Whatever the size of your system and the operating conditions we can tailor our maintenance plans to suit, keeping your factory running at peak performance 24 hours a day, 7 days a week.

**Pipe-Work**

From a simple addition to your existing system or a full turnkey installation, our specialist piping engineers can design and install distribution pipework for compressed air systems constructed in traditional galvanised steel or highly efficient smooth bore aluminium, as well as pipework for water, vacuum and other fluids.

**Spare Parts Accessibility**

Our large stock of genuine manufacturer's spare parts can be shipped same day to anywhere in the UK ensuring maximum response and minimum down time.

**Compressed Air Rental**

Benefits include no deposit, fixed term rentals and fully maintained packages to assist with tax and cashflow efficiency.

**COMMITMENT**

Thorite invest heavily in training and support for our entire workforce and is a long-standing member of the British Compressed Air Society. Thorite is committed to supporting all of its customers in complying with the health and safety regulations which surround compressed air systems. Thorite produces all the necessary documentation, written schemes of examination, and drawings to comply with the Pressure Systems Safety Regulations. As such Thorite supports the use of safe, reliable and energy efficient compressed air in a professional and competent manner.

**COST SAVINGS**

**Energy Recovery**

A significant amount of heat is generated by compressors, normally exhausted as waste into the atmosphere. The recovery of heat from a compressor is an important cost reduction opportunity and where fully utilised, a payback of less than two years can be achieved. To ensure the compressor operates efficiently in a cool environment ventilation or suitable ducting is also required to provide cold air for compression and to discharge the hot air from the compressors to the outside of the building. Heat recovered can be utilised in the work area for space heating to reduce energy consumption or for water heating for boiler feeds and hot water systems

**Air Leak Detection**

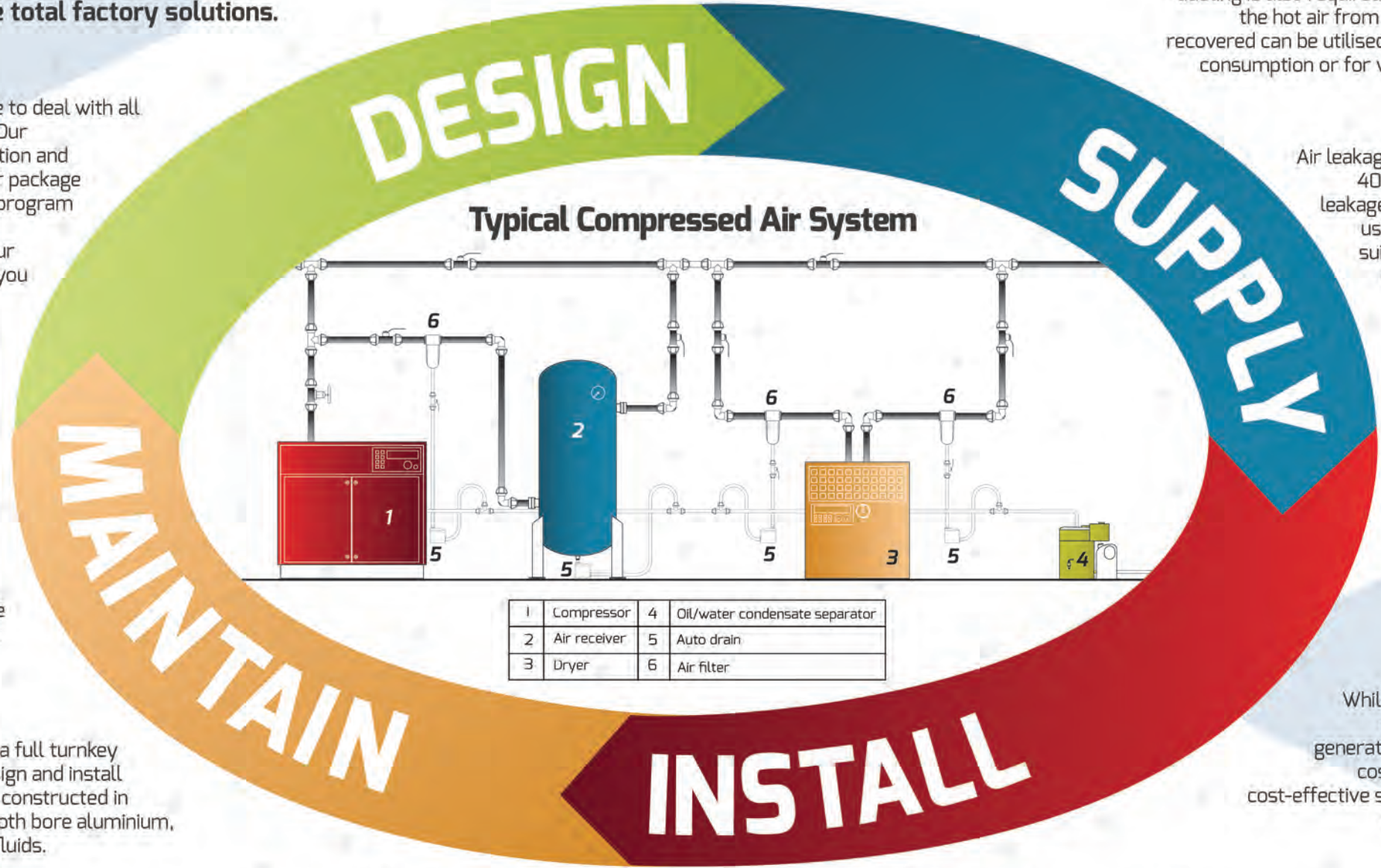
Air leakage is the single largest waste of compressed air, up to 40% of an un-managed systems total air usage may be leakage. Accurate measurement of compressed air demand using Data Logging & System Health Checks can assess suitability of existing compressed air equipment, advise on possible savings and recommend energy efficient solutions. Thorite's compressed air leak detection service will estimate the leakage rate, the leakage costs, the repair costs and then repair the leaks if required.

**Machine Control**

An integrated multiple-compressor control system can provide a centralised control strategy which allows the system to rapidly unload compressors when they are not needed, providing real benefits and reduction in multi-machine usage, resulting in substantial energy savings and improved efficiency of the plant's compressed air system.

**Cost of Ownership**

Whilst compressed air users expect maximum efficiency, reliability and value for money, the electricity used in generating compressed air is still by far the highest business cost. Variable speed drive compressors can also offer a cost-effective solution to a varying air demand providing a potential saving of up to 35% over a fixed speed compressor.



**INDUSTRIAL COMPRESSORS · OIL-FREE COMPRESSORS · HIGH PRESSURE COMPRESSORS**

**SILENT COMPRESSORS · AIR TREATMENT EQUIPMENT · NITROGEN GENERATORS**

**MOBILE & PORTABLE COMPRESSORS**



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## Additional Products

As well as compressed air systems, Thorite also supply, install and maintain a wide variety of complimentary equipment such as nitrogen generators, water chillers, electrically driven vacuum pumps and blowers for a multitude of applications.

### WATER CHILLERS

Our trained engineers can specify the correct water chiller for your business, along with any pipework, pumping, water tank and valve connections that you may require, to provide the most cost-effective solution.

### RE-CONDITIONED COMPRESSORS

Our constantly changing stock is supplied with 6 months parts and labour warranty, subject to a Thorite service agreement. Call our Sales Department for the latest selection.

### COMPRESSOR HIRE

For urgent and short term requirements Thorite offers a fleet of industrial hire compressors with wide ranging cfm outputs at reasonable prices.



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