

Airtec &
EnergAir

Airtec' We go beyond your expectations



Solutions to improve energy efficiency
in compressed air and vacuum systems



Airtec specialises in the installation of control & management systems for compressed air generation and vacuum installations.

It's often hard to appreciate that there can be significant room for improvement in the efficiency of an installed compressed air or vacuum generation system, if it does not already employ an EnerAir designed and installed energy optimisation solution however then there almost certainly is.

Estimate savings accurately with an audit & report

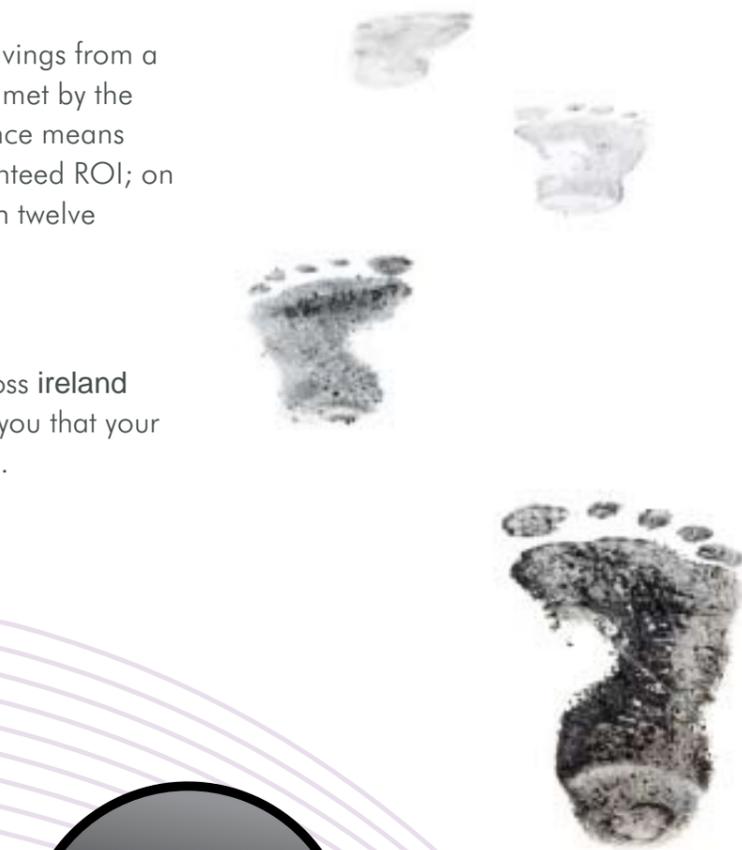
The requirement to assess the reduction in energy consumption that can be achieved from any site is the reason why Airtec offers the option, if required, of a detailed data-logging and a very accurate site audit prior to any potential installation. This way Airtec is able to quantify and validate the saving before the system is installed.

Guaranteed savings

Airtec offers a guarantee that its predicted savings from a compressed air or vacuum installation will be met by the installation. Going forward with total confidence means that your EnerAir solution will provide guaranteed ROI; on average systems will pay for themselves within twelve months.

Proven results

Airtec has commissioned several systems across Ireland each one with proven savings. Let us prove to you that your site can reduce its energy savings considerably.



Hit your KPI's for

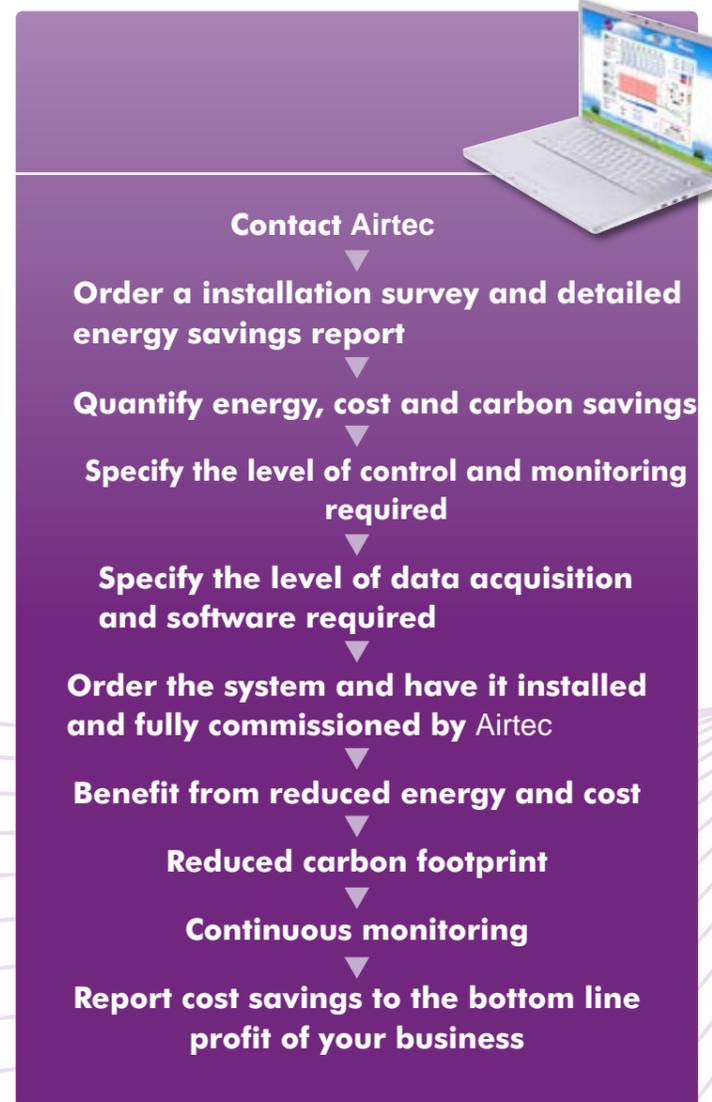
- ▶ Reducing energy costs by 30%
- ▶ Reducing carbon foot print
- ▶ Reducing CO₂ emissions

Airtec installed solution which can cut energy consumption by 30%

The hardware and software components are designed and manufactured by the world's leading compressed air and vacuum pump controls company with system design, installation and commissioning carried out by Airtec

Options and features:

- ▶ Full compressed air or vacuum equipment control
- ▶ Conversion of fixed speed compressors to variable speed drive
- ▶ Automation of ancillary equipment (drying, filtration, cooling, ventilation etc)
- ▶ Device monitoring (flow, pressure, temperature, dew point, vibration etc)
- ▶ Equipment and device condition monitoring and logging
- ▶ Browser accessible visualisation dashboard
- ▶ System key performance reporting
- ▶ Event and alarm routing via email and SMS
- ▶ Field bus integration with MODBUS, Profibus, DeviceNet etc
- ▶ Support for integration with factory BMS



Airtec's installations to date, each one meeting or exceeding its predicted energy, cost and carbon reduction targets.

Examples are available across the globe and in the following industry sectors

- ▶ PET bottling plants
- ▶ Automotive manufacture
- ▶ Automotive components
- ▶ Paper and printing works
- ▶ Pharmaceuticals
- ▶ Food processing
- ▶ Aggregate processing

Case studies

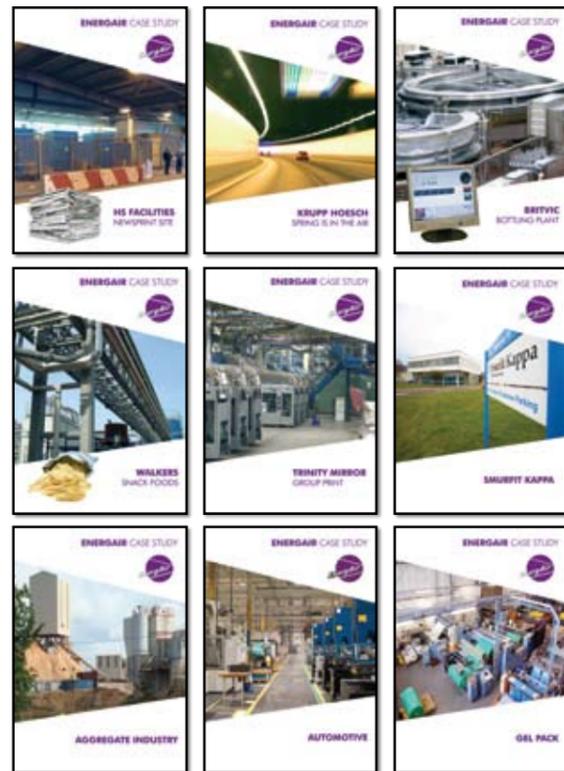
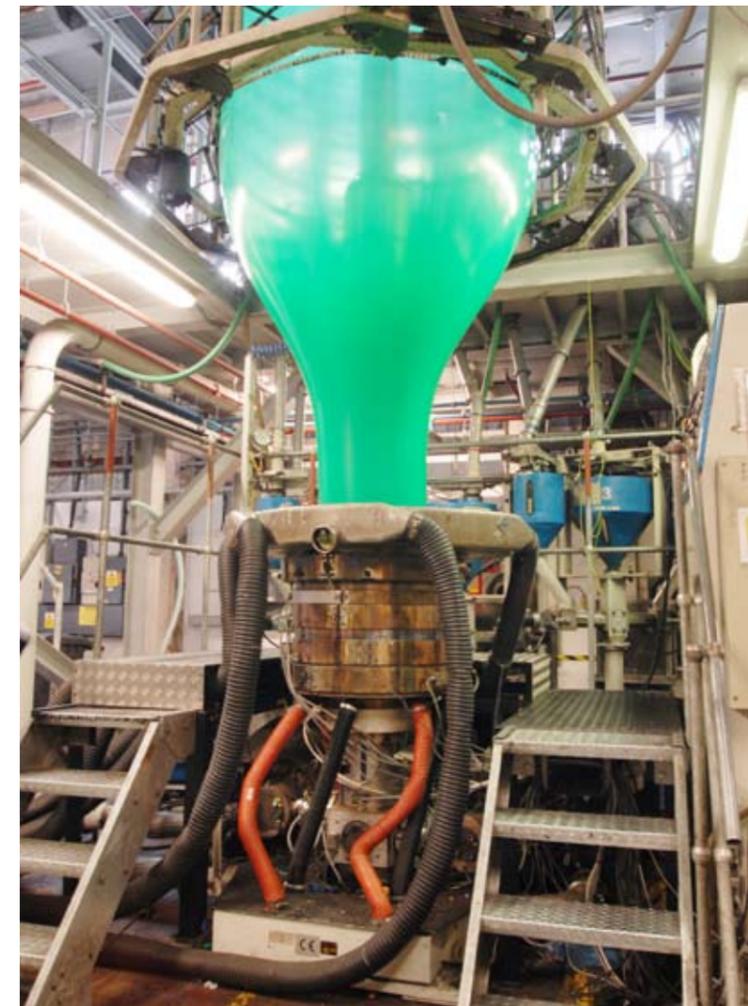
“**Gelpack** Industrial Ltd has made an **annual saving of over 45% on energy** used to generate compressed air using a EnergAir control system and retro-fit Variable Speed Drive package”

“A world leading **aggregate** production site achieved **61% energy saving** on compressed air at DSM plants using an EnergAir intelligent air management system”

“One of the largest **snack food** plants in the world is using an EnergAir Compressed Air Management system to reduce energy bills by **£27,000 per annum.**”

“Packaging processor **Smurfit Kappa** reduced energy costs by **over 27% on compressed air** after a compressed air audit found that the compressed air system was wasting over 30% of the energy it was consuming before an EnergAir management system was installed”

“An EnergAir Intelligent compressed air management system **cut energy use by 46%** at one of the UK’s largest **print works**. Since the installation, the effect on Trinity Mirror’s energy consumption has been dramatic”



AIRTEC , we go beyond your expectations



www.compressors.ie