



# Integrated Efficiency

Technologies for  
Compressed Air Supply





# Solutions for More Efficiency



**Companies are under pressure to control costs – and costs for compressed air are no exception.**

**CompAir stands for sustained efficiency in compressed air systems, reducing operational costs and improving the efficiency of already installed systems. Investments pay off rapidly.**

CompAir stands for continuous innovation and further development of compressors and compressed air management.

For all the diversity of CompAir compressor systems, they have one thing in common: their high quality.

Systems for compressed air treatment, heat recovery or nitrogen generation are integrated or connected to existing systems, and harmonised to achieve maximum efficiency.

Customers all over the world have trusted in the expertise and experience of CompAir ever since 1801.



## Simplicity as a Concept: for Reliability and Efficiency

CompAir engineers have two main design criteria to fulfill: reliability and efficiency. So CompAir makes machines that are easy to set up and easy to service.



## CompAir makes its own Airends, for Quality Reasons

The core component of a compressor is the airend. All CompAir airends are designed and manufactured in the company's own facilities to ensure optimum harmonisation and maximum compressor efficiency.

## Gardner Denver - Your Ultimate Source for Vacuum and Pressure

Gardner Denver designs, manufactures and markets highly engineered reciprocating, rotary and vane compressors, liquid ring pumps and blowers for various industrial and transportation applications. In addition, Gardner Denver supplies pumps used in the petroleum and industrial markets, and other fluid transfer equipment serving chemical, petroleum and food industries. The products and engineered solutions are sold through multi-channel, worldwide distribution systems and are used for applications in virtually every market sector.

Our engineering expertise, coupled with worldwide manufacturing and service capabilities, ensures measurably reliable and energy efficient products in the industry with low life cycle costs.

# Success Stories



Find out more ... ▶



## CompAir Saves Jaguar Energy With Quantima Compressors

Six months after the installation of new Quantima compressors made by CompAir, Jaguar Land Rover (Jaguar)'s Castle Bromwich works are looking to make power savings of 3 million kWh a year – with a payback time of two years at the most.



Find out more ... ▶



## CompAir Cuts Energy Bill at the World's Oldest Brewery

The Weihenstephan brewery in Freising near Munich has completed the optimisation of its compressed air supply system and decided to implement a new DH compressor of CompAir that works to an innovative compression principle and is completely oil-free. In connection with targeted leakage elimination, the brewery is now able to generate the required compressed air with roughly 30% lower power costs.



Find out more ... ▶



## Just Trays Reduces Its Energy Costs With CompAir

Less than six months after the installation of a CompAir regulated-speed L75RS compressor with heat recovery, Just Trays, the UK's leading manufacturer of shower trays, is on target to save € 28,000 a year and can expect a rapid return on its investment.

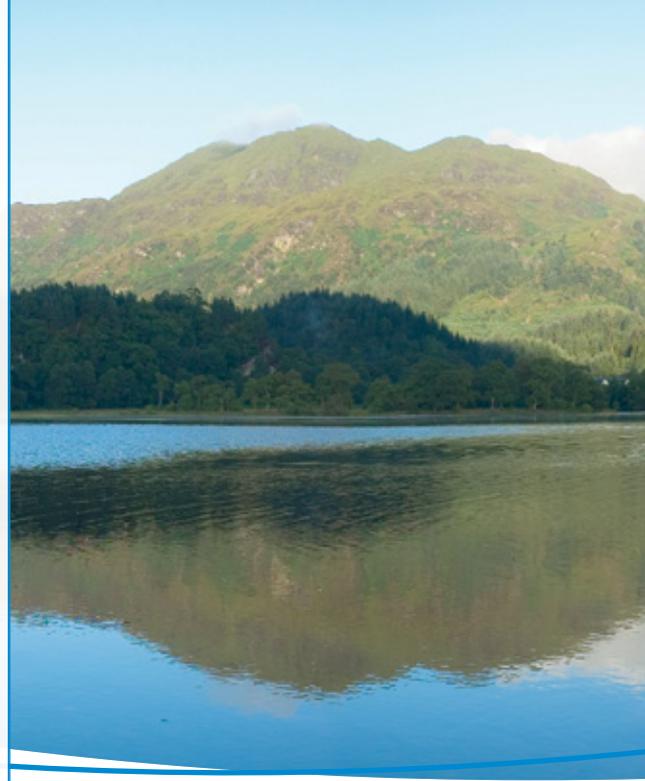


Find out more ... ▶



## Foundation Pile Air Bubble Curtain Protects Nature During Pile Driving

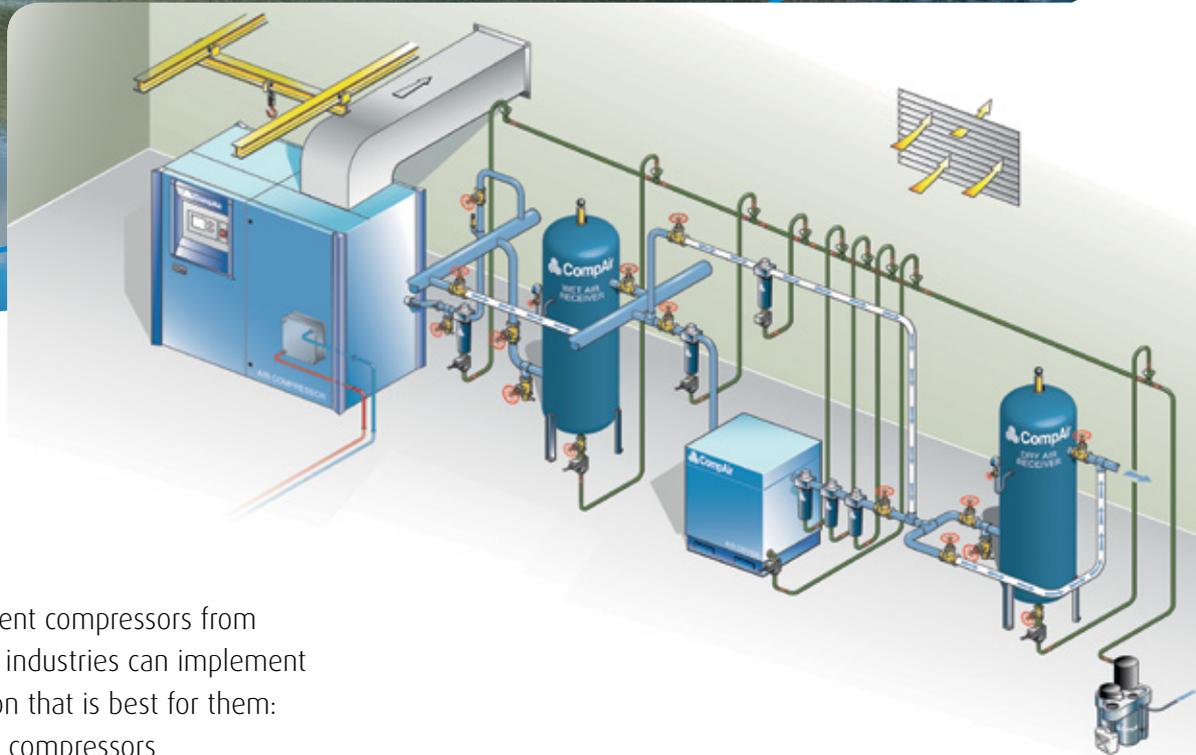
50 nautical miles north-west of Sylt, the ZÜBLIN company is building the third German marine research platform FINO3. The location is on the edge of the potentially suitable area for wind turbines off the Schleswig-Holstein stretch of the North Sea coast. To protect marine fauna from the acoustic emissions while the foundation pile is being driven, 9 CompAir TurboScrew compressors produced an air bubble curtain around the construction site.



**The increasing complexity of new production facilities is coupled with rising specifications for compressed air systems. With its comprehensive engineering expertise, CompAir has all the theoretical and technical prerequisites to perform a detailed assessment of requirements and compressed air analysis.**

**Cost-cutting system monitoring from CompAir: typical cost causes such as leakages or excessive flow rate are identified, recorded as data and output in the form of plain text audit reports to the compressed air operator for system optimisation planning.**

# Productivity from a single source



With modern, highly efficient compressors from CompAir, companies in all industries can implement the compressed air solution that is best for them:

- fixed- / regulated-speed compressors
- oil lubricated / oil-free compressors
- air- / water-cooled compressors
- with heat recovery or nitrogen generation

Quality and efficiency are just as important to CompAir for compressed air treatment as for compressors. CompAir also develops sequencers for multicompressor stations to achieve maximum economic efficiency.

## Safe Investment

CompAir customers can claim the benefits of free extended warranty programs, and, using original spare parts and lubricants, retain the high-quality performance and efficiency of the system long-term. CompAir has factory-trained service technicians to service the low-maintenance compressed air systems. We provide 24-hour, close-to-the-customer support.



Analysis



Advice



Project planning



Installation



Warranty



Maintenance



Original spare parts

# Products and Services

## Compressors

Compressor series	Pressure range (bar)	FAD (m <sup>3</sup> /min)	Motor output (kW)
<b>L series</b> Oil lubricated screw compressors	5 - 13	0.2 - 41.0	2.2 - 250
<b>D series</b> <b>OilFREE</b> Oil-free screw compressors	4 - 10	7.0 - 42.6	75 - 300
<b>DH series</b> <b>OilFREE</b> Oil-free water-injected screw compressors	5 - 10	2.3 - 18.6	15 - 110
<b>Quantima</b> <b>OilFREE</b> Oil-free centrifugal compressors	3 - 8	26.7 - 70.9	150 - 300
<b>R series</b> Oil lubricated piston compressors	4 - 10	7.8- 18.7	45 - 110
<b>R series</b> <b>OilFREE</b> Oil-free piston compressors	4 - 12	7.5 - 18.1	45 - 110

## Compressed Air Treatment and Accessories

- Heat recovery
- Water separators
- Compressed air filters
- Refrigerant dryers
- Adsorption dryers
- Nitrogen generators
- Condensate drains
- Sequencers





## Service and Maintenance

- Compressed air audits
- Warranty and service offering
- Qualified, factory-trained service technicians
- Original spare parts and lubricants
- Worldwide spare parts and distribution network

## Portable Compressors

Compressor series	Pressure range (bar)	FAD- (m <sup>3</sup> /min)	Motor output (kW)
<b>C series</b> Oil lubricated portable screw compressors	<b>7 - 24</b>	<b>1.0 - 27.0</b>	<b>13.2 - 228</b>





**Your System Partner  
for Efficient Compressed Air Technology.  
Worldwide.**

**Request a quote or arrange  
an individual appointment.**

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[www.compair.com](http://www.compair.com)**

