

CASE STUDY MANUFACTURING



CompAir compressors ensure maximum productivity for TT Solutions & Interiors Ltd

TT Solutions & Interiors Ltd, a manufacturer of bespoke and modular furniture, is experiencing greater production reliability thanks to a compressed air system supplied by Gardner Denver (CompAir) distributor, BCAS Limited.

Application Details

In early 2014, the company, which designs, manufactures and installs bespoke and modular furniture for a range of customers throughout the UK, replaced its existing compressors with a new, fixed-speed CompAir L18 unit.

TT Solutions' production manager explains:

"Compressed air is a key component in the efficient operation of our production process. It is used extensively across the factory, operating a number of spray booths and hand held tools - so it's vital that we have a reliable source of air available at all times.

"Our previous compressors were proving too small to cope with an increase in customer demand, so we opted to replace them with a new CompAir L18 fixed-speed compressor supplied by BCAS Limited."

Overview

- ▶ **Client**
TT Solutions & Interiors Ltd
- ▶ **Location**
Swindon, Wiltshire
- ▶ **Application**
Instrument air
- ▶ **Products**
CompAir L18 fixed-speed compressor
- ▶ **Customer Benefit**
Greater production reliability



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New Facility

Later that year, due to a further increase in customer demand, the company moved to a new, larger production facility in Swindon, Wiltshire. This gave the opportunity to carefully plan the layout of its production process and, an important element of this was the design of the compressed air system.

Working closely with BCAS Limited, TT Solutions was able to relocate its existing compressor and specify a second CompAir L18 unit, which acts as a backup, along with new dryers, filtration and pipework.

Steve Pritchard, Sales Manager at BCAS Limited continues:

“We recommended the CompAir L18 as it provides a high quality, compact, and energy saving compressed air solution that met our customer’s needs.

“Lower energy costs can be achieved thanks to the design of the high efficiency airend, which operates at low rotational speeds.

“In addition, the integrated design with oil-separation, oil filter and thermostatic bypass valve increases reliability by reducing the number of external hoses and components.”

All component parts are designed for long service and all components are conveniently grouped behind a lift-off canopy section for short servicing times, long service intervals and reduced maintenance costs.

With noise levels as low as 71 dB(A), the L18 can be sited at the point of use without the need for hearing protection.

Benefits at a glance

- ▶ Reliable supply to meet factory demand
- ▶ Lower energy costs with high efficiency compressors
- ▶ Seamless installation from BCAS Limited a week ahead of schedule
- ▶ Longer service intervals and reduced maintenance costs

Seamless Installation

TT Solutions’ production manager concludes: “We’re really pleased with the service we’ve received from BCAS Limited.

“Throughout the move to the new facility our focus has been on continuing to produce high quality interior design solutions, so we’ve relied on BCAS Limited’s expertise in specifying a new compressed air system.

“The installation of the new system was completed a week ahead of schedule, which made the move to the new facility as seamless as possible. As a result, we’re confident that we can rely on BCAS Limited to provide ongoing compressed air servicing and maintenance.”

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