

CASE STUDY ENGINEERING



KUE Group on the move!

KUE Group Limited, a leading provider of steel surface preparation based in Bradford, West Yorkshire, is offering its customers a faster and more reliable service thanks to a new CompAir TurboScrew C250TS-12 from Gardner Denver distributor Turbo Compressor Services (TCS).

Application Details

Earlier this year the company, which has been at the forefront of abrasive blasting, coatings and linings for over 40 years, purchased a CompAir TurboScrew C250TS-12 from TCS for its mobile blast unit.

Stuart Kitson, Managing Director at KUE Group Limited explains:

“Compressed air is a vital part of our operations at KUE Group. The compressors are used to propel the particles of abrasive at a surface to remove contaminants, scale and deposits and to profile for coating if required.

We needed to be flexible with our compressed air as we cater for growing demand. Also, we deal with a wide variety of fixed plant that cannot be transferred to our site in Bradford, so it's vital for us to have a totally dependable compressed air supply at all times.”



Overview

Customer

KUE Group Ltd



Location

Bradford, West Yorkshire

Application

Steel surface preparation

Products

TurboScrew C250TS-12

Customer Benefit

Instantly available, portable compressed air supply

“From our previous experience of owning TurboScrew compressors, we knew that choosing a TurboScrew C250TS-12 unit would be the right choice.”

**Gary Kerr, Commercial Director
at KUE Group Limited**

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Benefits at a glance

- ▶ Independent, reliable compressed air supply on customers' sites
- ▶ Air is instantly available to facilitate blasting to meet growing customer demand
- ▶ Improved steel blasting performance and fuel economy
- ▶ A quiet compressed air supply

Independent Compressed Air System

Stuart Kitson continues:

"By purchasing the TurboScrew C250TS-12 compressor, we now have the air supply we need to operate efficiently. With the compressor installed onto our mobile blast unit we simply arrive on-site, and commence work."

The Right Compressor

Nigel Lee, Director at Turbo Compressor Services, adds:

"We worked together with KUE Group to identify their compressed air needs and it was apparent that to improve blasting performance they required a reliable compressed air supply operating at 12 bar pressure. The Stage IV compliant CompAir TurboScrew C250TS-12 proved ideal and is also the most environmentally friendly portable air compressor currently available on the market."

Gary Kerr, Commercial Director at KUE Group Limited, explains the benefits of the TurboScrew C250TS-12:

"From our previous experience of owning TurboScrew compressors, we knew that choosing a TurboScrew C250TS-12 unit would be the right choice. It is one of a few portable compressors that can fit onto our mobile blast unit whilst supplying enough pressure required for us to work 250 metres from the mobile blast unit.

Our workforce appreciate the investment in the TurboScrew due to increased performance and productivity."

About the TurboScrew Range

Weighing in at less than 3500 kg, the TurboScrew compressors can be easily towed and are capable of producing pressures from 9 to 24 bar – making them ideal for a range of applications.

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Stuart Kitson, Managing Director at KUE Group Limited



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Using patented bi-turbo technology, the TurboScrew compressors are engineered with two turbochargers powering a CompAir screw compressor unit, with the addition of an engine exhaust gas turbine to pre-compress the inlet air before it enters the compression chamber.

This delivers approximately 14 per cent more energy to the compressor than conventional technologies (measured under full load conditions). In average site conditions where the demand varies between idle, part load and full load, the TurboScrew consumes up to 30 per cent less diesel than most of the conventional compressors on the market, resulting in significant cost savings.

Across the C Series, a wide range of options exists to tailor the compressor to the customer's exact requirements.

These include adjustable tow-bars, built in AC generators, additional filtration, built-in aftercoolers, tool lubricators, road lights, pneumatic hose reels and the customers' own paint colour and signwriting.

About TurboScrew Compressor Services (TCS)

TCS is part of the Thames Facility Group of companies, a main distributor for Gardner Denver products including: CompAir, Hydrovane, Reavell, Belliss & Morcom and Elmo Rietschle.

The Thames Facility Group operates nationally and has over 60 factory trained service engineers, who offer customer support across the entire product range.



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