

CASE STUDY

Garnalex power new state-of-the-art powder coating plant with reliable and efficient compressed air

Company: Garnalex

Based in Derbyshire, Garnalex specialise in the agile supply of Grade 6063 Aluminium Extrusion. Proudly sourced and manufactured in Britain, Garnalex are helping many companies to reshore their supply and avoid the rising cost and long lead times of overseas supply.

For Garnalex customers it's about more than just price, it's service, support, reliability and consistent quality.

Situation:

Garnalex were adding a state-of-the-art powder coating plant to their Belper site. This required a duty-stand-by compressed air supply.



Task:

Deliver reliable and energy efficient compressed air supply, to match the variable demand of the new powder coating line.

Action:

Having worked with the team at Garnalex from their inception, Compccon were called on to specify and install the new compressed air system.

This involved the installation of two Atlas Copco GA18VSD+FF air compressors with all associated Atlas Copco ancillaries and Prevost pipework.

Garnalex are driven by pride to produce consistent quality in their products. They need to be able to focus on their product, not the reliability of their compressed air system. By supplying a complete duty/standby system Garnalex have peace of mind knowing that their system is automatically meeting their needs. Additionally, they have visibility of this control through the SMARTLINK remote monitoring technology on their compressors.

Results:



Energy efficiency:

Atlas Copco air compressors are the most energy efficient on the market, Garnalex can be confident their solution provides the lowest total lifecycle cost.



Reliability:

The duty/standby set up helps to eliminate the risk of downtime.



Full flow of air:

Using smooth bore aluminium pipe gives the lowest pressure drop between compressor and point of use.



Connectivity:

SMARTLINK technology gives Garnalex real time monitoring and optimisation capability.

"Having used Compccon on previous installations spanning over many years, there was no question who we would be using for our latest install."

Ross Hartshorn , Technical Production Director