

## CASE STUDY

# Precision Power, Quality and Experience Matched

### The Challenge

**Colmet** is an experienced UK sheet metal manufacturer renowned for its quality and service. As a supplier of cutting-edge industries for more than 30 years they excel at manufacturing components for applications that require the highest performance and durability.

An existing HPC user for **20 Years** they were keen to stick with the advanced technology and reliability of the product when updating their equipment.

### Maziaks' Solution

Based on current and likely future usage, Maziak recommended an HPC BSD75 screw compressor and a Zander ecodry K-MT dessicant dryer to be installed into the new factory.

The BSD screw compressor range delivers more compressed air for less power consumption, and combines ease of use and maintenance with exceptional versatility and environmentally responsible design. Not least, the use of Super Premium Efficiency IE4 motors boosts energy efficiency even further.

K-MT 1-8 heatless adsorption dryers are designed to dry industrial compressed air reliably and efficiently down to a pressure dew point of -70 °C. The units are constructed in a compact manner and can be free-standing or wall mounted. They are equipped with built-on pre- and after filtration and are sized for volumetric flows of up to 86 m<sup>3</sup>/h (suction capacity of the compressor referring to a compression of 7 bar).

### Results

The compressor was fitted behind the laser machine for compactness and best use of space. By installing a regulator on the pipework, the 10bar compressor can power the laser machine with the 10bar needed, and deliver 7bar to power hand tools within the factory. **Colmet** are currently talking to Maziak about future expansion and N2 generation.

### Client Testimonial

"Our experience of working with Maziak was very positive. We pride ourselves on the precision and quality of our products and demand the same of our partners."

**Carl Brackley, Commercial Manager**



Before



After

### Contact

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