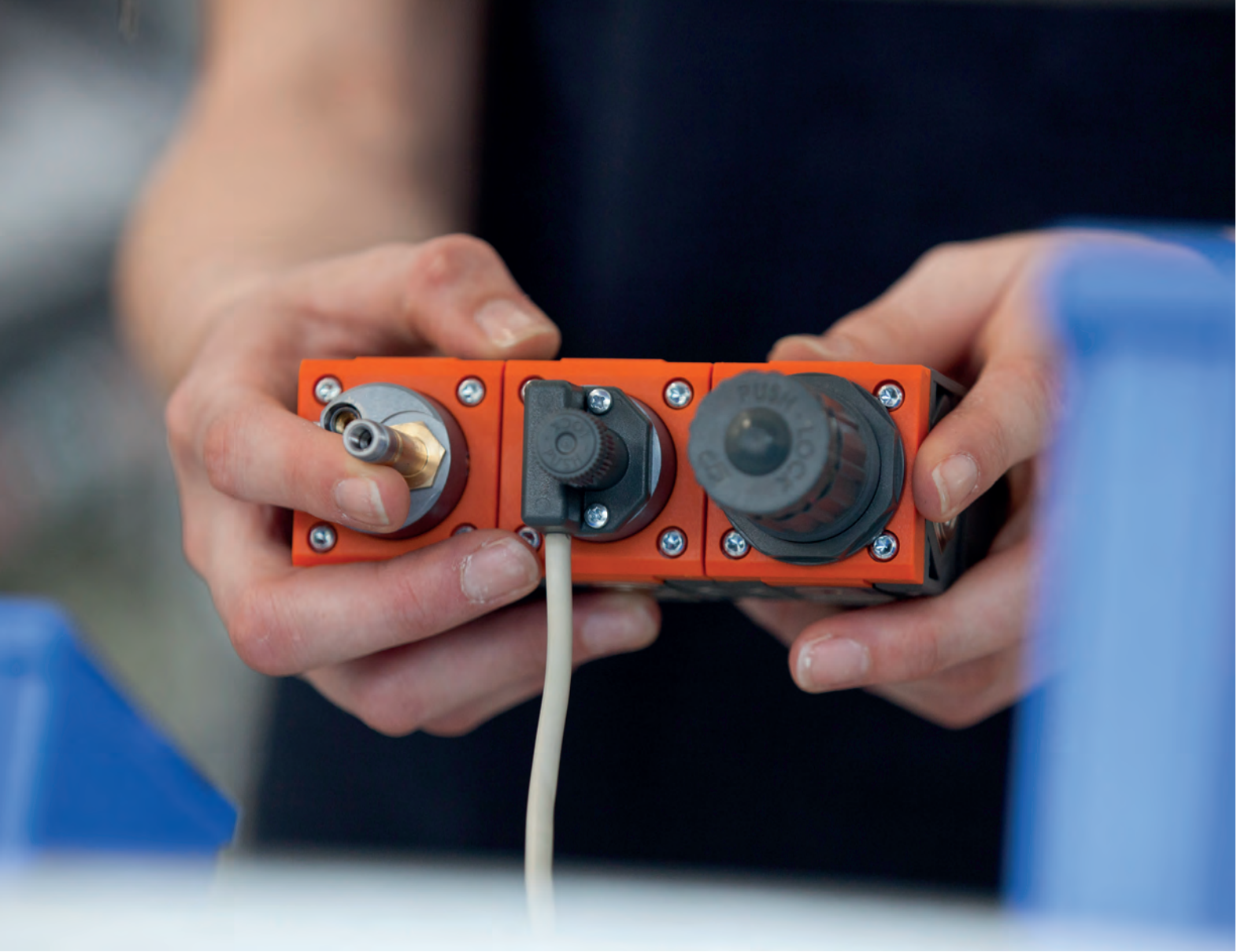


Dedicated to the quality  
of your air.





## The most complete range of solutions for compressed air treatment.

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The quality and control of compressed air are crucial factors for efficient production. Reduced machine downtime, optimised costs and increased quality standards all depend largely on the correct air management, which requires advanced, reliable solutions.

Metal Work has positioned itself as a trusted partner in air treatment for the pneumatic automation sector, with an extremely vast range of solutions and over 40 years of experience. We are dedicating the year 2020 to this important issue, with personalised technical advice, commercial initiatives and new proposals to always be sure to guarantee that our clients have the best air quality.



# Clean air and managed air: why are they so important?

- ▶ Compressed air is considered the **fourth energy resource** after gas, water and electricity
- ▶ In many companies, it is **the first energy cost**
- ▶ **Compressed air is generated on site** directly by the user
- ▶ Therefore, its quality and cost **depend on the user's choices**

## CLEAN AIR = LONG MACHINE LIFE



### SOLID PARTICLES

*Clog passages,  
cause surface wear*



### WATER

*Removes lubricants,  
oxidizes surfaces*



### OIL

*Modifies friction,  
pollutes*

### Impure Air

**Pneumatic component  
failures  
and machine downtime**

## MANAGED AIR = CONTROLLED PERFORMANCE AND COSTS



### AIR PRESSURE REGULATION

*Determines speed and repeatability  
of pneumatic movements*

*Impacts consumption  
and costs*



### STARTING AND EXHAUST SYSTEM

*Impacts movements  
at cycle start and end*

*Enhances plant and operator safety*

# Metal Work units: the answer to every need concerning quality, control and management of air.

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- ▶ Threaded fittings from M5 to 2"
- ▶ Solutions in technopolymer or metal
- ▶ Solutions for the food and beverage sector
- ▶ Anticorrosion solutions
- ▶ Solutions for explosive environments - ATEX
- ▶ Safety components



## Series **SYNTESI**

The first unit with interchangeable retractable pneumatic fittings



## Series **NEW DEAL**

Metal units for heavy duty applications



## Series **BIT**

Lightweight, in technopolymer, tens of millions of parts sold



**Series ONE** : The only integrated unit in the world



**Series SKILLAIR** : Modular unit with flow rate up to 20,000 NI/min



**REGTRONIC** : Range of proportional valves from M5 to 2"

**GS** : Precision regulators with high exhaust



**LINE ON LINE** : Miniature regulation system

