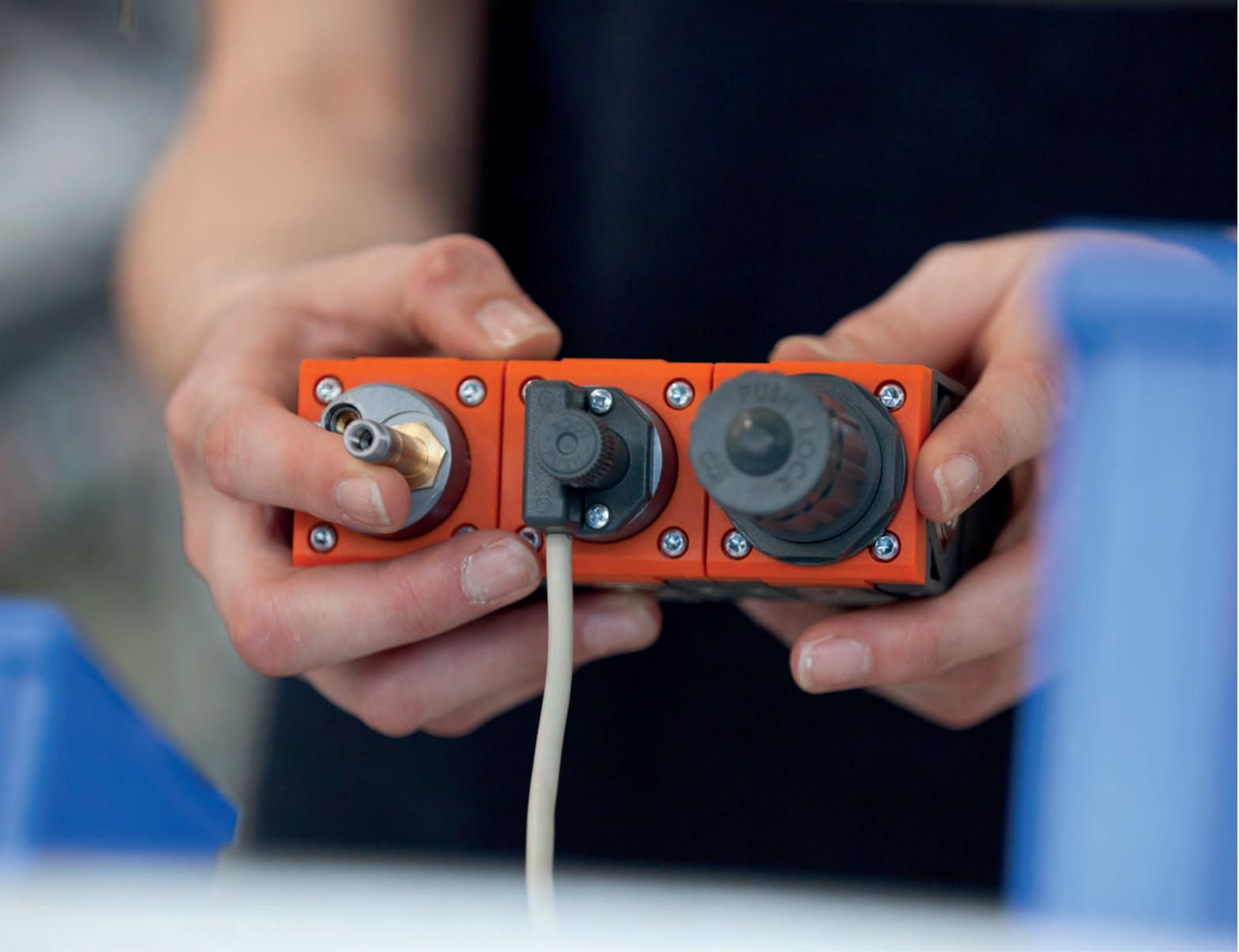


Dedicated to the quality
of your air.





The most complete range of solutions for compressed air treatment.

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.

- ▶ 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



metalwork.it

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