

# COMPANY PROFILE 2023

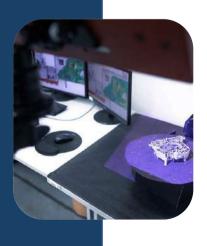
# A COMPANY OF VALUES

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Research, innovation and precision: **every aspect of the production process** is aimed at effectively meeting the needs of the individual customer.







### EXPERIENCE

### More than 30 years

Our expertise is at your disposal. In Akron Group, **technique, experience and vision count**; in this way we can make a difference for our customers.

### RELIABILITY

### Count on us

You can count on us and on the **realities that have already chosen us**. The various departments work closely together to ensure the highest quality of the finished product.

### QUALITY

### High standards

Our work complies with high quality standards so that each finished product complies with **international certifications** and characteristics agreed with the customer.





### FOUNDED IN 1987

Akron Group originated in **Sovere back in 1987**. It started as a family business, which then evolved thanks to the hard work and professionalism of the people who chose to **share this growth path**.



### WHERE WE ARE TODAY

Today we have five offices in two countries, and a staff of **349 people** who share our passion, quality and drive for **continuous improvement**.

OUR KNOW-HOW AT YOUR SERVICE

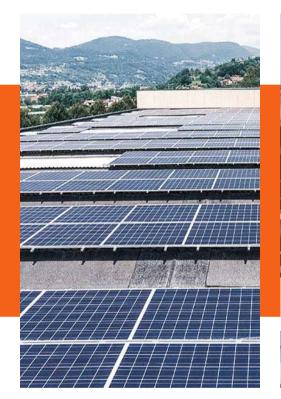


### **OUR FUTURE VISION**

We have **high ambitions and expectations** that are based on solid assumptions. The aim is to **grow by sharing cutting-edge projects** with our customers.

2-ABOUT US AKRON

## **OUR VALUES**



### **GREEN SOUL**

Every year we produce more than **3,000,000 kWh** from rapeseed oil and photovoltaic panels. We think Green.



R&D

**Research into innovative production processes** and materials is the goal that drives our R&D team every day.



### ACADEMY

Internal training process in which each employee complements and passes on his skills to the team, creating transversal professionalism.



### SHARING THE «FEEL GOOD»

Akron Group has always been active in the area to **support associations** and help those in need.

# WE PROCESS PLASTICS TO MEET YOUR NEEDS

We are involved in moulding and converting plastics into highquality products.

### COMPANY

Our secret is maximum attention to our customers and their **product specifications**.

### **INJECTION MOULDING**

We produce more than **135 million pieces** each year, using more than seven million kilograms of plastic.

### **ANCILLARY SERVICES**

We collaborate with leading companies in their sector, **sharing design and production aspects**, in order to be able to play the role of technological partner and not just a supplier.



# WE DON'T LIMIT OURSELVES TO THE BASICS





### MOULDING

We offers **established techniques** alongside more recently **introduced techniques** such as overmoulding.



### ASSEMBLY

We **assemble the parts we produce** to make sub-assemblies or finished products.



### MATERIALS

We process both the most **common plastics and extremely technical** and high-quality materials.



### **MOULD CONSTRUCTION**

We design **customised moulds** and in doing so we provide solutions to **improve products and designs**.



### MACHINERY

Our machine park is very extensive and is designed to meet the specific production and design requirements of each customer. We have 85 injection moulding machines as well as other quality control, pad printing and ultrasonic welding equipment.

# A WINNING PRODUCTION PROCESS

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The various departments work closely together to ensure the highest quality of the finished product.



### **CO-ENGINEERING**

Plastics have technical constraints which, if taken into account at an early stage, allow the best **performance at the lowest cost**.



### PROTOTYPING

Our technicians carry out an initial prototyping of the product, after which we study possible modifications to **improve the overall quality of the project**.

6-PRODUCTION PROCESS A





**MOLDFLOW ANALYSIS** 

It simulates the filling of the mould cavities/cavities **anticipating the evidence** of possible criticalities of the production process.



### DESIGN AND MANUFACTURE OF MOULDS

The construction of moulds for plastics is a fundamental part of the process, their construction is essential to **enable the production of a high-performance** finished product.



### **INJECTION MOULDING**

We select the most suitable material and injection moulding machine. We can choose from **horizontal**, **vertical and twin-cylinder machines**.

7- PRODUCTION PROCESS AKRON





### ASSEMBLY

If requested by our customers, the plastic components are assembled with the remaining parts to form a sub-assembly or even a finished product.



### **QUALITY CONTROL**

During all stages of the production process, our technicians are in charge of control and testing, effectively verifying compliance with product requirements, critical dimensions and design quality standards.



### **CERTIFIED QUALITY**

We only offer results that meet high quality standards.



8- PRODUCTION PROCESS A



# SECTORS IN WHICH WE OPERATE

Automotive

**Technical components** 

**Smart Meters Systems** 

Fluid management tools

Household appliance industry

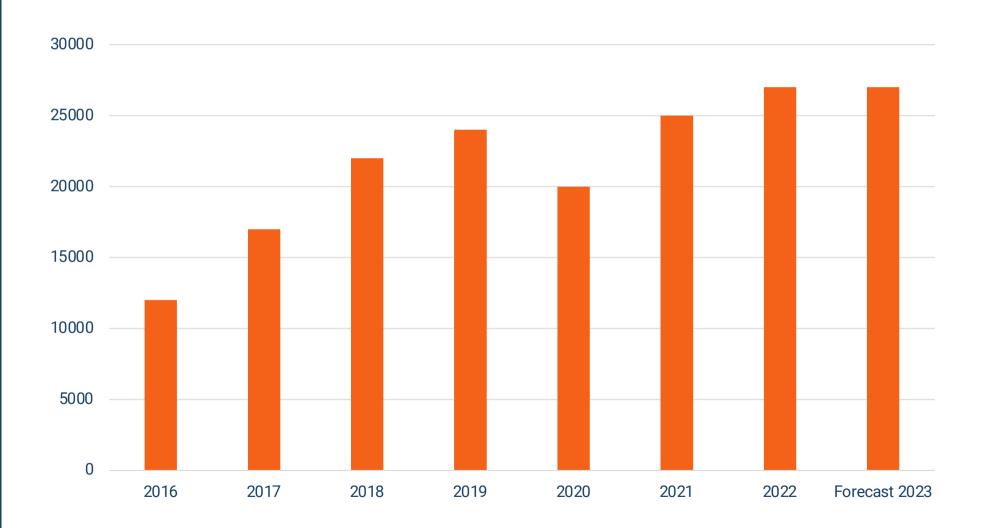
Air conditioning and ventilation

**Electrical and mechatronic systems** 

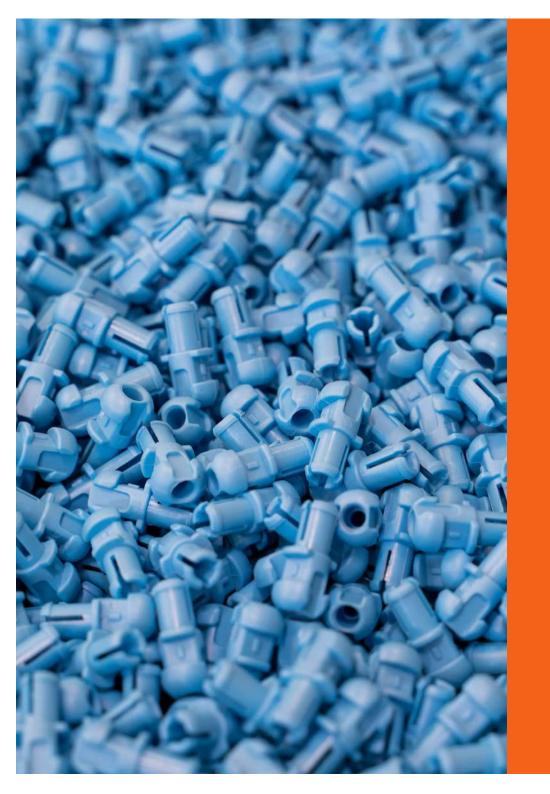
**Construction machinery and equipment** 



# **TURNOVER IN THE LAST 7 YEARS**



10-OUR NUMBERS AKRON



# **OUR NUMBERS**

20

349 OUR TEAM

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3500 Mw/h PRODUCED PER YEAR

95 INJECTION MOULDING MACHINES



7000 tons PROCESSED PLASTIC MATERIAL

5

PRODUCTIVE PLANTS

**140 Million** PIECES PRODUCED

11-OUR NUMBERS



# **5 LOCATIONS IN 2 COUNTIES**



The first office was established in 1987 in Sovere, in the province of Bergamo, followed in 1999 by a second more modern and efficient operating unit. In 2003, the company inaugurated a new site in Grone, and then approached foreign production in 2008 with the first production site in Bacau, Romania, followed by a second site, in the same country, in 2018.

12-OUR NUMBERS AKRON

**CO-DESIGN** 

DO YOU HAVE A PLASTIC PRODUCT THAT YOU WOULD LIKE TO OPTIMISE?

# **CONTACT US**

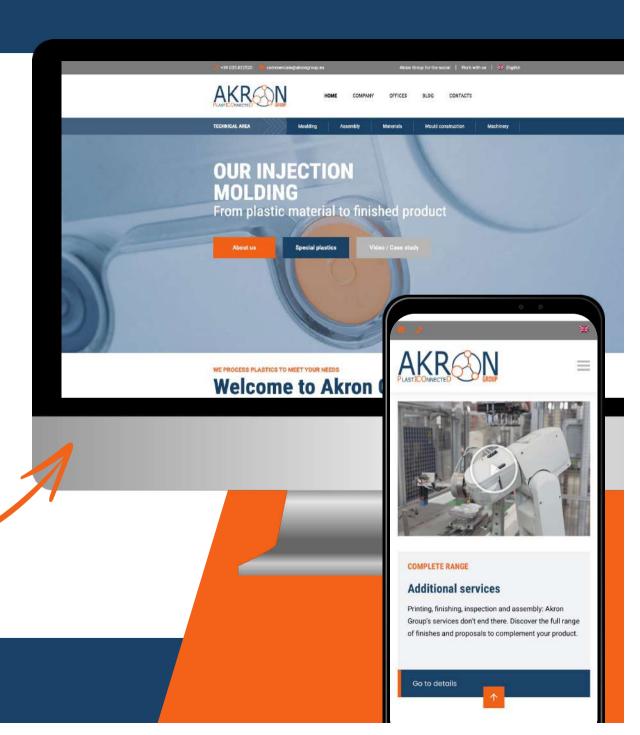
# ADDRESS

Viale delle Industrie 6, 24060, Sovere (BG), Italy

**EMAIL** commerciale@akrongroup.eu

**PHONE** 0039 035 822520

WEB SITE www.akrongroup.eu





# THANK YOU

AKRON GROUP -

2023

