

### **BONOMI INDUSTRIES**

#### Global presence, family spirit

Bonomi Industries is a leading manufacturer of high-quality **brass ball valves** and fluid control systems, combining precision engineering with decades of expertise.

Rooted in tradition and driven by innovation, we respond to the evolving needs of a global market with agility and vision.

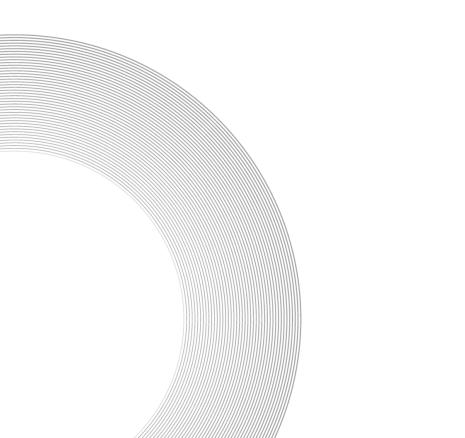
**Sustainability** is at the heart of our approach—reflected in responsible production practices and our ongoing commitment to green, forward-thinking solutions.

More than just technical excellence, Bonomi Industries represents **strong relationships and lasting trust**, built over 70 years of steady growth and shared success





#### Index



O1 \_\_\_\_ About us

**02** — Products

03 \_\_\_\_ Sustainability

04 Results

**05** — Production & Quality



## About us



## **ABOUT US**

#### **Bonomi Industries**

We are a family-owned Italian company with a strong international focus. We design and manufacture high-performance brass valves and actuators, installed on five continents in both industrial and residential applications.

We work with leading OEMs and global distributors, offering a wide range of standard products and custom solutions, backed by qualified technical support and attentive, customer-oriented service.

With in-depth knowledge of local regulations and market dynamics—and through our **branches in North America and Japan**—we ensure direct presence, operational continuity, and efficiency in the most strategic markets for our customers.

**VALUES** a family tradition

**ORGANIZATION** our brand and operational network

MANUFACTURING SITE ongoing expansion

**STORY** a lifelong journey

**PEOPLE** our greatest asset



## **ABOUT US** values

#### Vision

We innovate Fluid Control to safeguard People and the Planet. Anytime, anywhere.

#### **Mission**

We are a Family Company innovating the Fluid Control market with products that guarantee you peace of mind for life.

#### **Values**

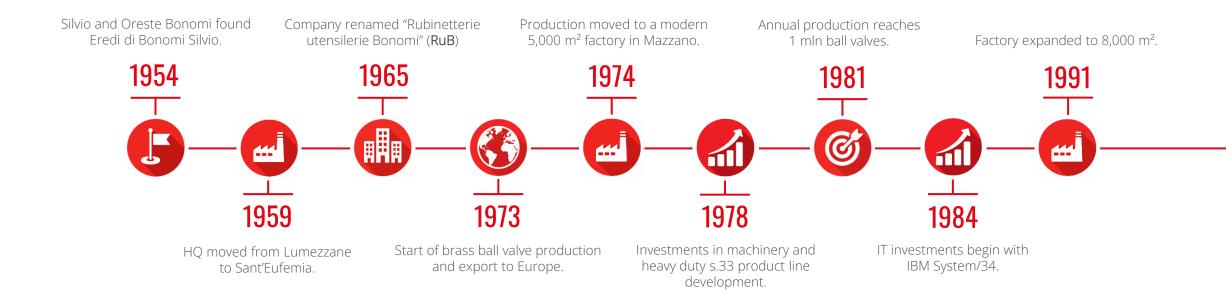
Focus on the future, collaboration, customer orientation, proactivity, respect and responsibility.

Our values shape who we are, what we stand for, and guide everything we do.



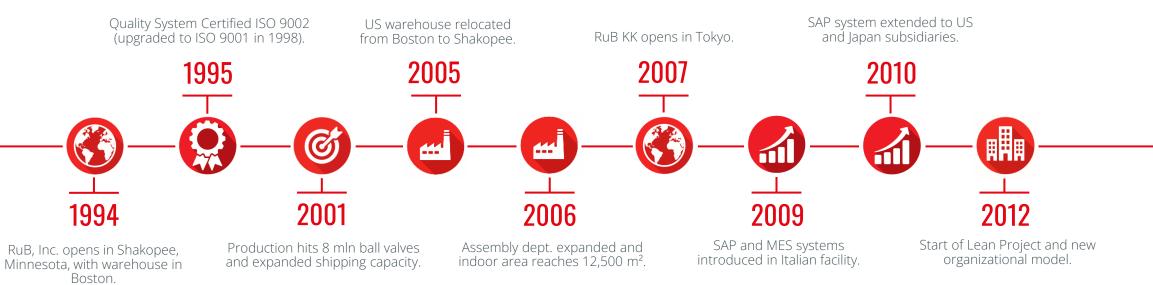


# **ABOUT US** story



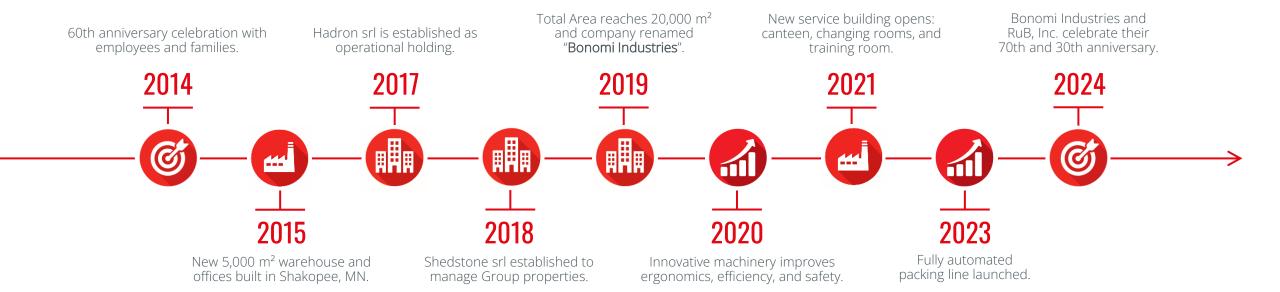


# **ABOUT US** story





# ABOUT US story





# **ABOUT US** organization

#### A global brand

**RuB** is an established brand of brass valves, actuators, and OEM solutions, recognized worldwide for reliable performance across a wide range of applications.

Products are 100% engineered and manufactured in Italy through an integrated process that includes in-house design, machining, assembly, and testing.

Certified materials, tight tolerances, and continuous quality control uphold **RuB** 's reputation for technical excellence and long-term reliability.

With **over 70 years** of experience in the industry, **RuB** supports professionals globally with innovative solutions, compliance with the latest standards, and specialized technical consulting to meet evolving needs.





# **ABOUT US** organization

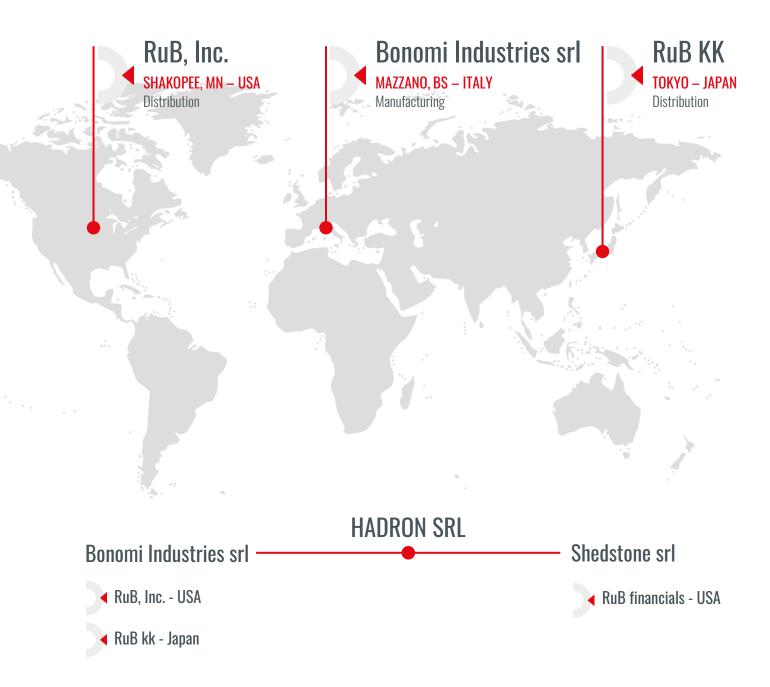
#### Companies in the world

Production takes place at **Bonomi Industries** in Mazzano (Brescia, Italy), where **RuB** valves and actuators are engineered and manufactured. Finished products are distributed globally from Italy and through dedicated international branches.

In North America, RuB, Inc. operates from a modern 5,000 m<sup>2</sup> facility, managing both assembly and distribution. In Japan, RuB KK serves as a strategic presence in a highly specialized market.

All companies are part of **Hadron**, a privately owned holding company founded in 2018 to guide strategic direction and coordinate shared services.

The Group is led by the **Bonomi family**, who uphold a long-standing commitment to quality, customer focus, and sustainable development.





# ABOUT US people

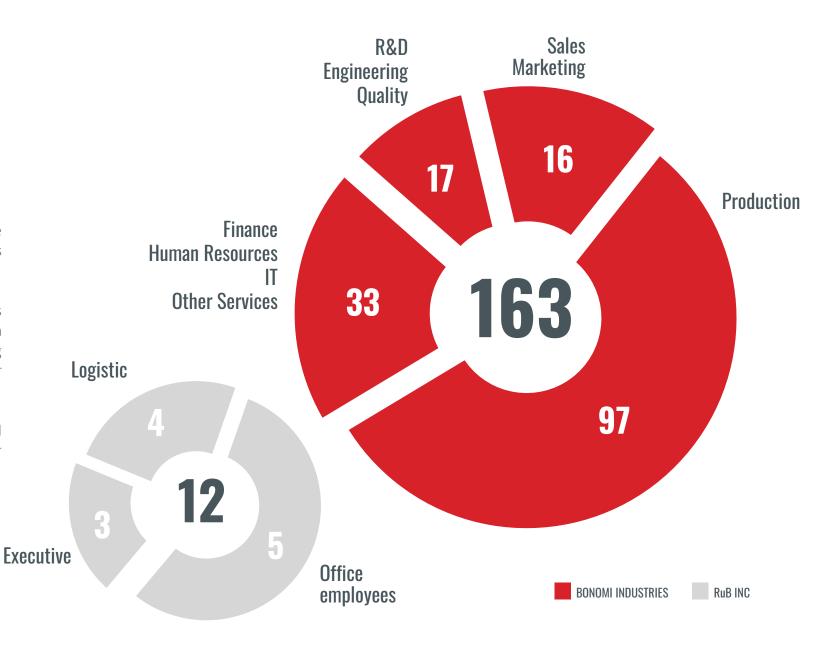
#### Our greatest asset

Expert teams in engineering, sales, and operations contribute every day to **delivering high-performance**, reliable solutions tailored to **customer needs**.

Each department brings strong technical expertise, continuous training, and a shared passion for quality. A Lean approach guides the way we work—eliminating waste, improving efficiency, and focusing on what truly creates value for our customers.

We believe the best solutions come from simple, practical, and shared ideas. It's the **talent, flexibility, and dedication** of our people that turn challenges into reliable, long-lasting results.

43,5 YEARS average age



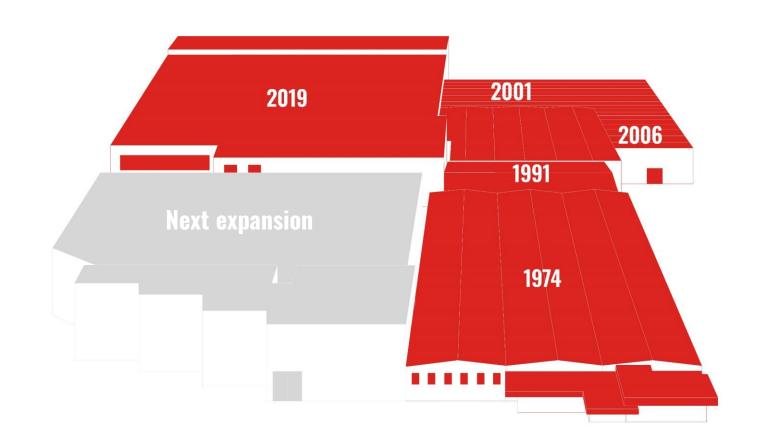
# ABOUT US manufacturing site

#### **Ongoing expansion**

Our production site in Mazzano (Brescia) is the core of our operations.

From the original 5,000 m<sup>2</sup> facility in 1974, the plant has expanded to 20,000 m<sup>2</sup> of covered space, driven by continuous investment in efficiency and innovation.

The **ongoing expansion** reinforces our commitment to increasingly advanced, sustainable manufacturing aligned with the needs of the global market.







## **Products**



# PRODUCTS RuB product range

#### A wide and modern range

**RuB** delivers solutions for every fluid control challenge. Products are engineered for zero downtime, helping customers and distributors avoid financial and reputational risks.

Challenges are addressed through flawless product quality, timely deliveries, and an ideal quality/price ratio—with solutions that safeguard People and the Planet and ensure long-lasting performance.

To meet specific application and regulatory requirements, the RuB product range includes components in traditional brass, low-lead brass, lead-free brass, aluminum, and dezincification-resistant brass.



#### **VALVES**

**RuB** ranges from micro and mini valves, 2-way and 3-way valves, both manual and actuated, made in a multitude of brass alloys and aluminium, all the way up to 4".



#### **ACTUATORS**

**RuB** electric and pneumatic actuators, developed through in-house R&D, ensure consistent operations, which are crucial for maintaining quality and sustainability standards across various sectors.



#### **OEM**

With over 70 years of experience in custom solutions, the Engineering Center supports manufacturers worldwide by solving unique challenges with fast inception-to-delivery timeline and lifetime quality precision.



#### **PRIVATE LABEL**

We offer full private label capabilities, customizing **RuB** ball valves to meet our customers' branding and technical requirements.



## PRODUCTS RuB valves

#### **Key features and options**

- Full range of valves
- Full, nominal and reduced pass
- Wide selection of threads and connections according to international standards
- Different control knobs available
- Various alloys available

- Customized solutions
- Silicone-free
- Product traceability
- Lifetime warranty
- 100% Made in Italy
- H2 Ready



#### WHY CHOOSE Rub VALVES 👮







Every detail is designed for safety, reliability, and long-term performance. From advanced materials and smart design features to lifetime guarantees and patented technologies, our ball valves are built to deliver more — in every application.

#### APPLICATIONS 🕣 🔍 💿 🕚 🍈 😭 🤤















Companies worldwide trust RuB solutions across a wide range of applications. Each application presents unique technical challenges, from high pressure to specific certifications, helping customers identify the most suitable solutions for reliable, safe, and efficient performance.



## PRODUCTS Why choose RuB valves

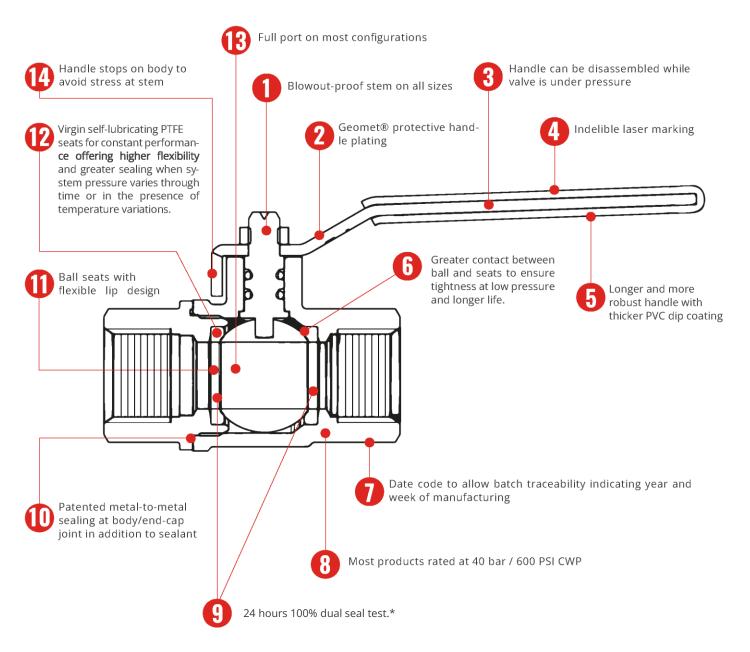
#### How does RuB seal test work?

Valve in half open position is **pressurized at 6 bar** (87 psig), then closed, trapping compressed air in between ball seats and stem sealing.

After adequate preset time, based upon valve size, any leaks are verified using extremely accurate electronic sensors and any defective valve is automatically rejected.

All valves passing this initial seal test are filled with compressed air again and remain closed and under pressure for minimum 24 hours.

After 24 hours, the valves go back again under a new set of electronic pressure sensors – with same accuracy - and any leaking valve is automatically rejected.







**ACTUATION** 



**INDUSTRY** 



**PNEUMATIC** 



GAS

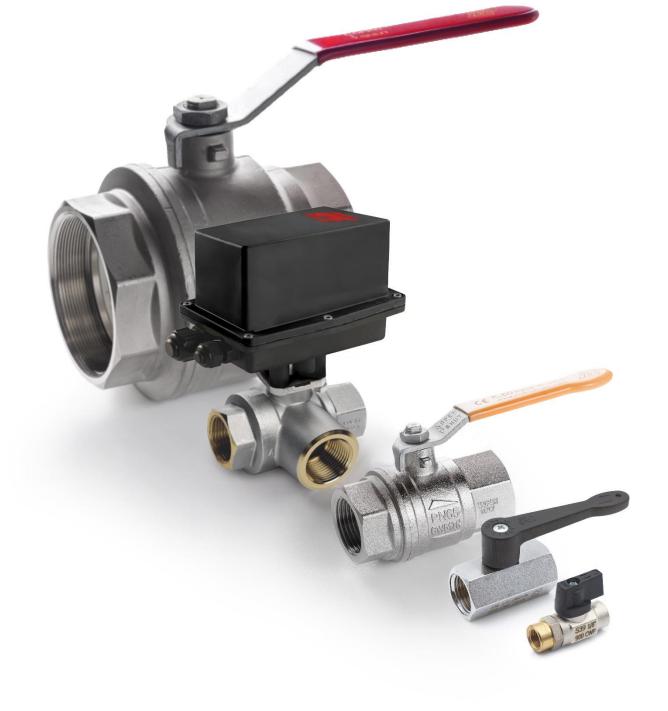


FIREFIGHTING



**DRINKING WATER** 







#### **ACTUATION**















Engineered to withstand frequent cycling, they offer a robust build combined with high precision.

The ISO 5211-compliant mounting pad allows for safe and seamless integration with electric or pneumatic actuators—even in the most demanding industrial environments.



A complete solution: discover our range of actuators designed to perfectly match RuB valves.









#### **ACTUATION**































S.6441 NPT 1/2" - 4"





**S.7200** 





S.7350 BSPT







**S.31 NPT Mini valve** 

1/4" - 3/4"











s.6500

1/2" - 1 1/4"





**S.7241 NPT** 

1/2" - 1"





S.7600 1/2" - 2"





**S.31 BSPT Mini valve** 

1/4" - 3/4"





1/2" - 2"





s.6541 NPT 1/2" - 1 1/4"





**S.7300** 

1/2" - 2"





**S.7641 NPT** 

1/2" - 2"





**S.6400** 

1/2" - 4"





**S.6439 LT NPT** 

1" - 2"





s.6550 BSPT

1/2" - 1"





S.7341 NPT

1/2" - 2"





S.7650 BSPT

1/2" - 2"





#### **INDUSTRY**













From automotive and food processing to chemical, pharmaceutical, and power generation sectors, RuB valves are designed to meet the toughest operational demands.

Choose RuB for solutions that keep your operations running smoothly and efficiently, even in the most challenging environments.





























**S.7241L NPT** 1/2" - 2"





S.7600L







**S.85** 1/4" - 2"





**S.95 NPT spring return** 











**S.33** 1/4" - 2"





S.7300L 1/2" - 2"





**S.7641L NPT** 

1/2" - 2"



**S.92 Barrel drain** 

3/4" - 1"





**S.100** 1/4" - 2"





K.60 spring return 1/4" - 2"





**S.7341L NPT** 1/2" - 2"





**S.7650L BSPT** 

1/2" - 2"





**S.92S NPT solid ball** 

1/4" - 4"













S.7200L

1/2" - 4"





**S.7350L BSPT** 

1/2" - 2"





S.84 EN331 spring return

1/4" - 2"







S.92 NPT ss trim

1/4" - 2"





**S.172** 











#### **PNEUMATIC**















Designed to control compressed air and inert gases, RuB ball valves ensure efficiency, safety, and precision in fluid management.







#### **PNEUMATIC**



























1/8" - 1/2"





**S.39 MICRO NPT** 

1/8" - 1/4"





**S.93 BSPT** 

1/2" - 2"







S.34 M/F

1/8" - 1/2"





**S.35 BSPT** 

1/8" - 1/2"





#### **S.39 MICRO BSPT**

1/8" - 1/4"





**S.34 NPT** 

1/8" - 1/2"





#### S.35 BSPT M/F

1/8" - 1/2"







#### **S.93**

1/4" - 2"









#### **S.35**

1/8" - 1/2"





#### S.39 MICRO

1/8" - 1/4"





#### **S.93 NPT**

1/4" - 2"









#### GAS















Our valves are chosen to ensure gas metering plants, boilers and burners, HVAC systems and water heaters have zero gas leakages.

We are chosen to handle even refinery, chemical and pharmaceutical gases like methane, propane and butane.

Each of our gas valves is pluri-awarded and certified because we manufacture them to perform flawlessly with any gas type, in any environment and under any local government regulation



















1/4" - 2"

**S.80 NPT** 

3/4" - 2"























1/2" - 2"



K.84

1/4" - 2"



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#### **S.82 NPT**





S.84 BSPT 1/4" - 4"

1/4" - 4"





#### **S.95 NPT**

1/4" - 4"







#### **S.195 NPT**

3/8" - 1"

S.128 A







S.8042

3/4" - 2"





1/2" - 1"





#### **S.84 BSPT T-handle**

1/4" - 1 ½"





#### **S.95 NPT T-handle**

1/4" - 2"





#### S.195 & flare

Flare 37°













#### **S.8043 NPT dielectric**

3/4" - 1 1/4"









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S.84 EN331 M/F

























**s.92 NPT** 

1/4" - 4"















#### 1/4" - 4"

S.95 NPT nickel plated



3/4" Y-strainer









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S.84 IR6

bsi.



















#### FIREFIGHTING



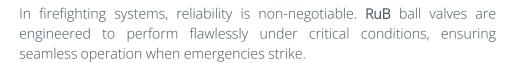












Designed for low-frequency use and high-stakes scenarios, they meet the rigorous demands of fire protection systems, offering durability and precision for professionals who prioritize safety and performance.









#### **FIREFIGHTING**





























3/4" - 1 1/4"





S.90 M/F

1/4" - 2"







**S.95 NPT** 

1/4" - 4"









S.50 M/F

1/2" - 2"







1/4" - 4"













**S.92 NPT** 1/4" - 4"

S.90 M/M



ROHS CC COU US COU US



**S.128** 

1/4" - 4"





**S.6400** 

1/2" - 4"









S.84 EN331 M/F

1/4" - 4"

















1/2" - 2"









S.7300L 1/2" - 2"





**S.90** 

1/4" – 4"



































With decades of expertise, we manufacture ball valves using specialized alloys that meet regulations worldwide.

Whether it's DZR brass CW602N, Lead-Free CW510L, CW511L, or UBAapproved CW617N, RuB valves are designed to meet your specific drinking water needs.



























1/4" - 2"

















**S.84 W** 











Puri-T 292 NPT

1/4" - 2"









**S.20 DZR M/F** 

3/8" - 1 1/4"













**S.26 DZR** 

3/8" - 2"





S.84 W M/F

1/4" - 2"









Puri-T 242

1/2" - 2"







**S.21 DZR** 

12 – 54 mm





#### **S.28 DZR**

12 – 54 mm











#### S.84 W M/F

3/4" for flat gasket











#### Puri-T 264 NPT

1/2" - 1 ½"







S.24 DZR press ends

15 – 54 mm





**S.30 DZR** 

12 – 54 mm











**S.468LF DZR** 22 mm







#### **PLUMBING**













RuB offers tailored precise and reliable solutions in managing water and other fluids.

Our brass ball valves are crafted for long-term durability and seamless operation, prioritizing safety and sustainability.

Ideal for water supply, drainage, irrigation, HVAC systems, and more, RuB valves are the trusted choice for efficient, leak-proof solutions in residential, commercial, and industrial applications.







#### **PLUMBING**





























1/2" - 3"





S.90 M/M 1/4" - 2"





S.111 1/4" - 4"

PG



**S.123 NPT** 





1/2" - 3/4"

S.140 bib-cock





**S.50** 

1/4" - 2"

















S.90 NPT short 1/4" - 2"







**S.112 NPT** 1/2" - 4"



S.124 1/2" - 4"



S.142 bib-cock 3/8" - 1"





S.50 M/F

1/2" - 2"











**S.81** 

1/2" - 2"





S.9036







**S.114 NPT** 1/4" - 4"





**S.126** 3/8" - 2"



S.190 3/8" - 1"





**S.51** 

1/2" - 2"







**S.88 BSPT** 



**S.90** 



1/4" - 4"

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**S.94** 1/2" - 2"

**S.96** 

PG

1/4" - 2";





**S.120** 3/8" - 4"

**S.122** 

3/8" - 4"

ROHS EACS





S.126 M 3/8" - 2"

1/2" - 2"

**S.128** 

1/4" - 4"

**S.126 M NPT** 



S.190 M 3/4" - 2"



S.51 M/F 1/2" - 2"







S.90 M/F 1/4" - 2"









RÖHS CE [ S.110













# **◆ PRODUCTS** actuators

#### **Engineered for automation**

Reliable automation requires precision and durability.

RuB electric and pneumatic actuators are engineered to deliver over 100,000 cycles, ensuring consistent performance across various applications, including energy, HVAC, and water treatment.

Trusted by leading manufacturers in the food, pharmaceutical, and chemical sectors, they simplify processes such as automatic dosing—enhancing efficiency, quality, and cost control.



A complete solution: discover our range of actuated ball valves designed to perfectly match **RuB** actuators.











# **◆ PRODUCTS** electric actuators

CP

Download datasheet

The **CP** series Electric actuator provide an output torque to suit up to 1" valves, and it is available in AC and DC voltage.

Compact package to fit in restricted spaces.

The CP series has an ISO 5211mounting interface for direct assembly.

- Voltage range:
  - 220-240V AC 50/60Hz
  - 110-120V AC 50/60Hz;
  - 24V AC 50-60Hz;
  - 24V DC / AC 50-60Hz; (UL certified)
  - 3.5÷12 V DC; 12 V DC; 24V DC;
- Motor power consumption only during operation:
  - DC and DC/AC: 5.5W;
  - AC: 8W
- 2P or 3P controlling
- Over 100.000 cycle life tests made
- IP 65 Nema 4x
- · Visual position indicator
- Micro limit-switches and feedback signal







# **◆ PRODUCTS** electric actuators

**CT** 8 to 40 Nm

Download datasheet

The CT electric actuators are designed to drive ball and butterfly valves with ISO5211 mounting pad, providing a quarter turn motion.

In combination with RuB valves are used in wastewater treatment plants, power plants, refineries, mining processes, food factories and in the fluid automated control in HVAC.

- Compact package with perfect shaft alignment
- Direct Mounting ISO 5211
- Voltage range: (24v 48v 110v 230v 50/60hz Vac/Vdc)
- Visual position indicator & manual-override
- IP 54 (CT1) and IP 67 (CT2-3-4)
- Limit Switches and feedback signal
- 2P or 3P or Modulating controlling
- Option: ModBus;
  - fast version (1" or 4");
  - internal heater (anti-condenser);
  - fail mode (super capacitors).







# **◆ PRODUCTS** electric actuators



Download datasheet

The CH valve actuators are used on ball or butterfly valves.

As standard, this actuator offers an IP67 ABS housing, dome position indicator, end of travel limit switches, manual override and an internal heater.

The new Series offers multi-voltage capability and failsafe functionality utilizing a super-capacitor back-up system.

- Direct Mounting ISO 5211
- Voltage range: 24 V AC / V DC 95-265 V AC
- Dome position indicator
- Limit switches
- Manual override IP67 (fully weatherproof)
- 2P or 3P or Modulating controlling
- Options: Fail mode (Supercapacitors)







## **◆ PRODUCTS**pneumatic actuators

EA

Download datasheet

The EA actuators series is designed for quarter turn applications on RuB ball valves in a compact and lightweight design.

They can be supplied **single (spring return) or double acting** with a wide range of output torques offering a complete valve automation solution.

**EA** actuator has a patented guide bar which keeps the rack and pinion gear teeth in perfect engagement in all directions of operations. The contact between the teeth is pure rolling contact – no rubbing or friction which means minimum wear and long cycle life.

- Aluminium Body/Pistons
- Rack and pinion mechanism: compact design
- ISO 5211 and Namur Interface: easy-to-install and fast-to-install
- Springs kits: versatile and easy to adjust spring torques
- Long lifetime
- Low maintenance cost
- Heavy-duty cycles







# PRODUCTS OEM

Every year, **OEMs** all over the world rely on **RuB** custom solutions to reduce leaks, equipment breakages and production downtime. We're heavily invested in **OEM** customizations with **custom-made machinery** for innovative products and solutions.

We have proven expertise in solving technical and operational challenges for leading boilers, heat pumps and burners manufacturers, LPG gas tank and system manufacturers, manufacturers of watering systems, fire protection, refrigeration, HVAC manufacturers, marine applications with shipbuilders, compressors, tanks, machine tools manufacturers, filtration, chemical, food processing and pharmaceutical companies.

We are intrigued to learn about your obstacles and bring your custom, top shelf solution to life.









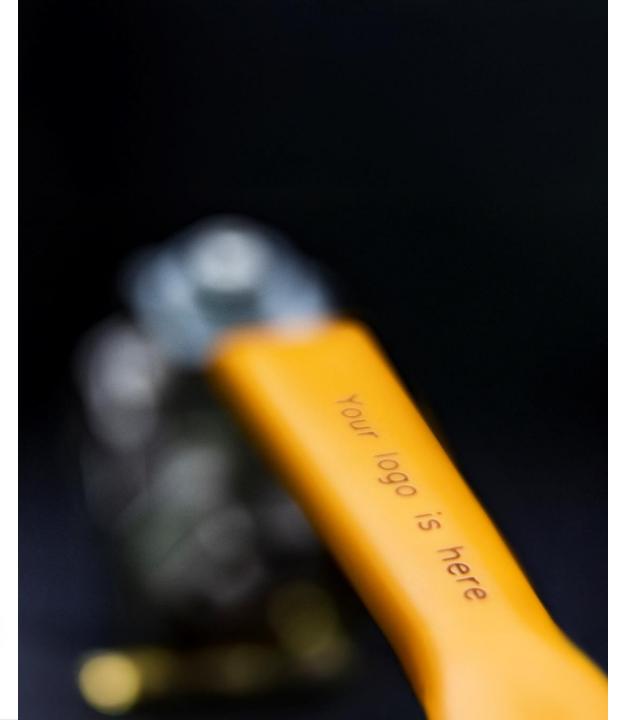
# **▼ PRODUCTS** private label

We strive to meet the needs of our customers in every way possible. And we do so not only through specifically designed, engineered and manufactured **OEM products**, but also by customizing standard **RuB** ball valves.

The possible branding options to choose from include:

- Changing the **lever marking** to the customer's trademark
- Packing with a custom label
- Customized handle colors and materials
- Customized valve fittings
- Dedicated valve body stamping
- Special marking on the valve body
- Custom installation instructions







### Sustainability



## SUSTAINABILITY

### How we walk the talk

- RuB products are designed to minimize waste thanks to long-lasting performance.
- 100% of brass ball valves are **silicon-free** for highest recyclability.
- Brass scrap is recovered by partner extrusion mills and reused as raw material.
- 100% of cooling waters are recovered and reused within the production process.
- Ongoing investments in renewable energy and advanced technologies aim to reduce environmental impact, improve energy efficiency, and support sustainable production model.

**TREEDOM** our forest



ISO 14001:2018 certified system

SUSTAINABILITY REPORT dialogue with our stakeholders



# SUSTAINABILITY treedom

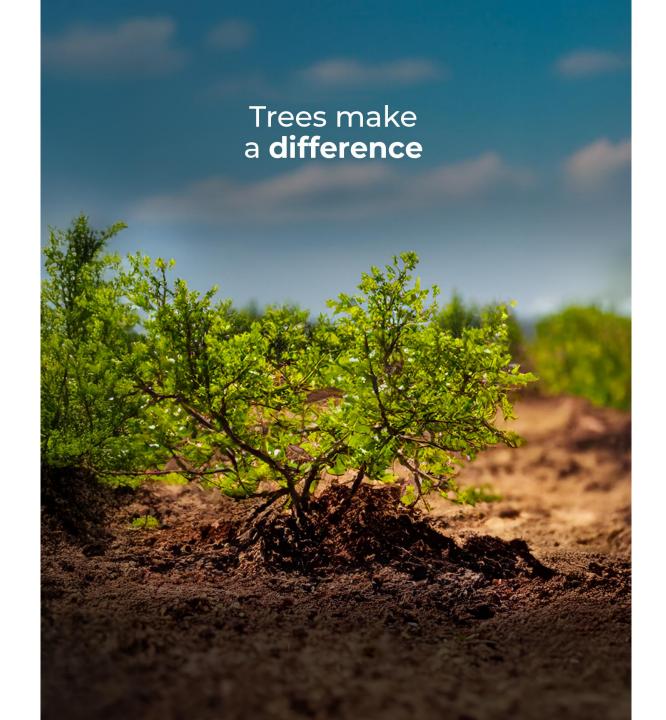
### **Bonomi Industries forest**

As part of its efforts to offset CO<sub>2</sub> emissions, Bonomi Industries has launched a **tree-planting initiative**.

In partnership with Treedom®, an Italian organization that promotes reforestation projects worldwide, the company is planting 1,000 fruit trees over five years.

«Bonomi Industries Forest» is a project that began in 2022 with the planting of the first 200 trees in Kenya, dedicated to all employees.

It is expected to absorb 57.5 tonnes of  $CO_2$  over ten years and contribute to the economic and social development of local communities.





### SUSTAINABILITY ISO 14001:2018

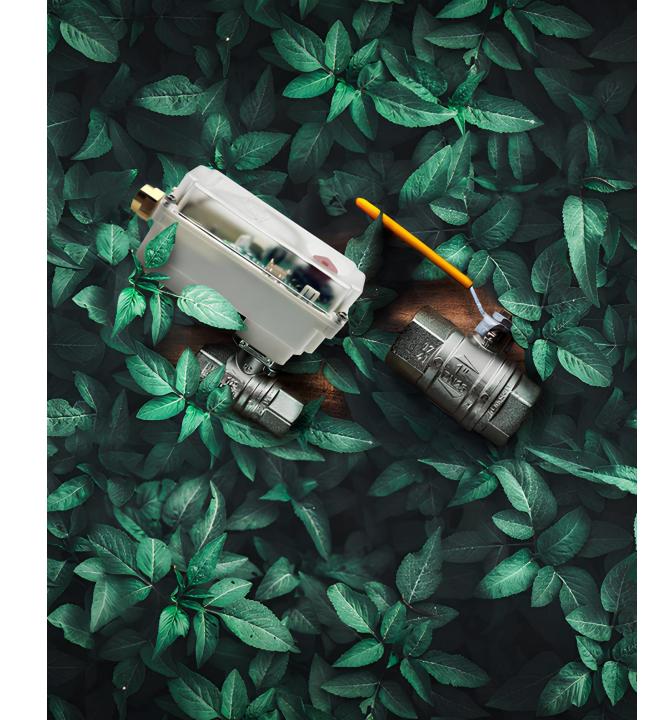
### **Certified Management System**

**ISO 14001** is an international standard that defines the requirements for an effective environmental management system.

Bonomi Industries has adopted this standard to continuously improve its environmental performance, reduce the impact of its production activities, and ensure compliance with applicable regulations.

The adoption of ISO 14001 reflects a strong commitment to sustainability, pollution prevention, and environmental responsibility.

Through a systematic approach, the company monitors and manages its processes with a green perspective, engaging employees and stakeholders to help build a more sustainable future.





# SUSTAINABILITY ecovadis

### Silver rating

Since 2022, Bonomi Industries has been assessed by **EcoVadis**, a globally recognized platform for evaluating sustainability performance.

The methodology covers four key areas: environment, labor practices and human rights, ethics, and sustainable procurement.

In 2024, the company maintained its **Silver Medal** and improved its overall score, reaching the 87th percentile. This result places Bonomi Industries among the **top 15% of companies** evaluated by EcoVadis, reflecting ongoing progress in sustainability and corporate responsibility.





# SUSTAINABILITY sustainability report

### **Voluntary ESG reporting**

In 2024, Bonomi Industries published its first Sustainability Report, reflecting the company's commitment to integrating ESG principles in a concrete and cross-functional way across all operations.

Although not yet mandatory, this path was undertaken voluntarily to **transparently** assess the company's impact and lay the foundation for increasingly responsible growth.

A first step that sets a clear direction and opens an **ongoing dialogue with all stakeholders**: customers, suppliers, employees, communities, and institutions.







### Results



### RESULTS

Over the years, the Group has evolved from a local manufacturer into a global player in the valve and actuator industry.

This journey has been marked by constant innovation, strategic growth, and a deep commitment to quality and customer satisfaction.

Today, performance is not measured by numbers alone, but by the value created across all dimensions of our business.

Economic resilience, social responsibility, and environmental care are the three pillars that guide our actions and define our long-term vision.









# RESULTS economic performance

### Strategic value creation

Despite a challenging global context, the Group invested in advanced production systems and remained committed to sustainable growth.

- €42.2 million in economic value generated in 2024 (-26.6% vs. 2023).
- Operational costs down –28.7% thanks to lean inventory and new high-precision machines.
- €4.6 million invested in certified, digitally integrated equipment.
- Continued support for education, local projects, and social initiatives.

The Group considers value creation not just as financial performance, but as a shared responsibility—enriching employees, communities, and the national economy.

### **FINANCIAL**

- revenue and EBITDA
- ROS, ROE, ROI

### **SALES**

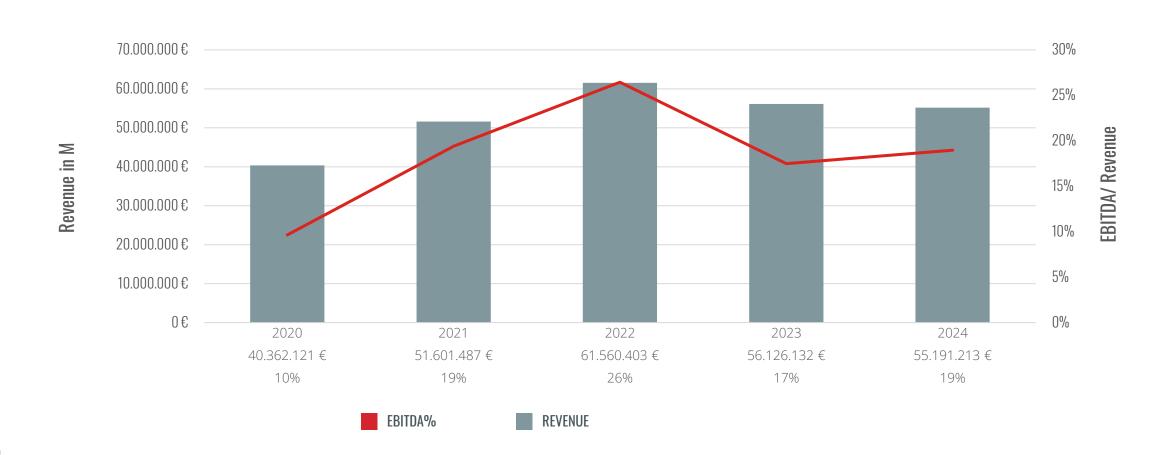
- macro geographical area
- OEM and standard

### **INVESTMENTS**

distributed economic value



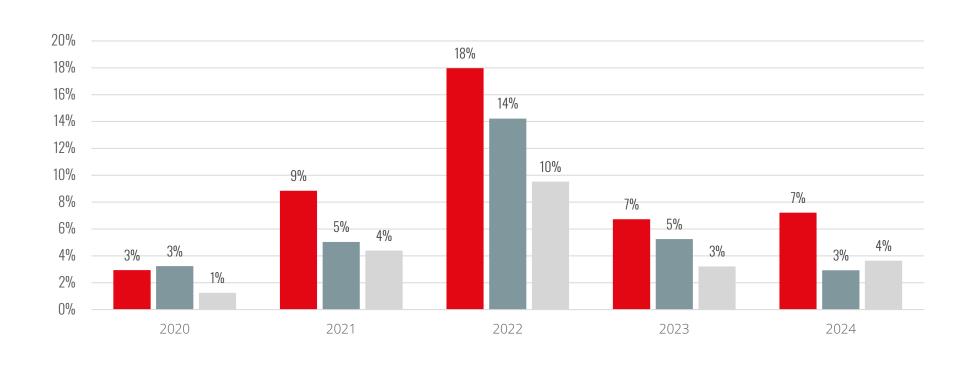
### RESULTS financials – Revenue and EBITDA





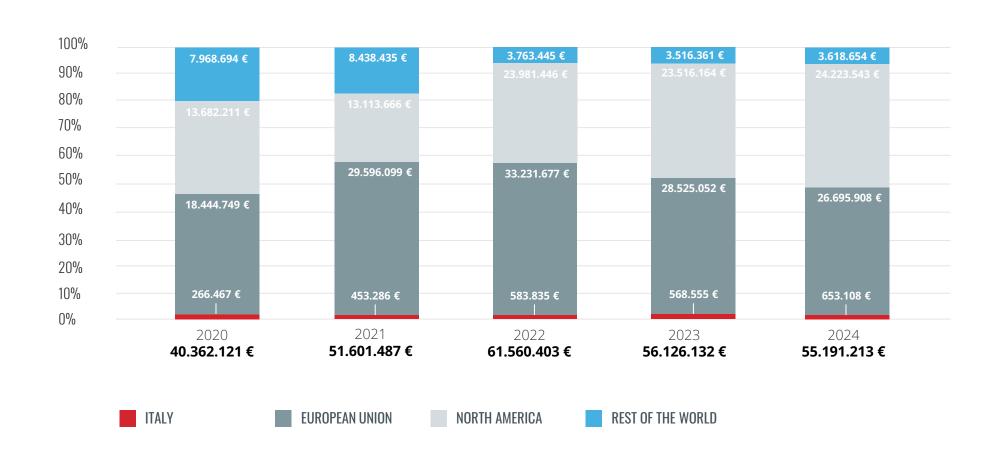
# **RESULTS**financials – ROS, ROE and ROI

ROS



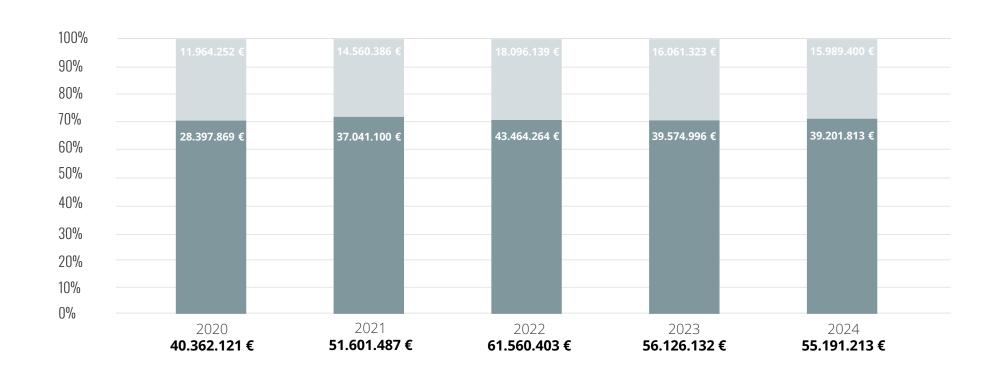


# RESULTS sales by Macro geographical area





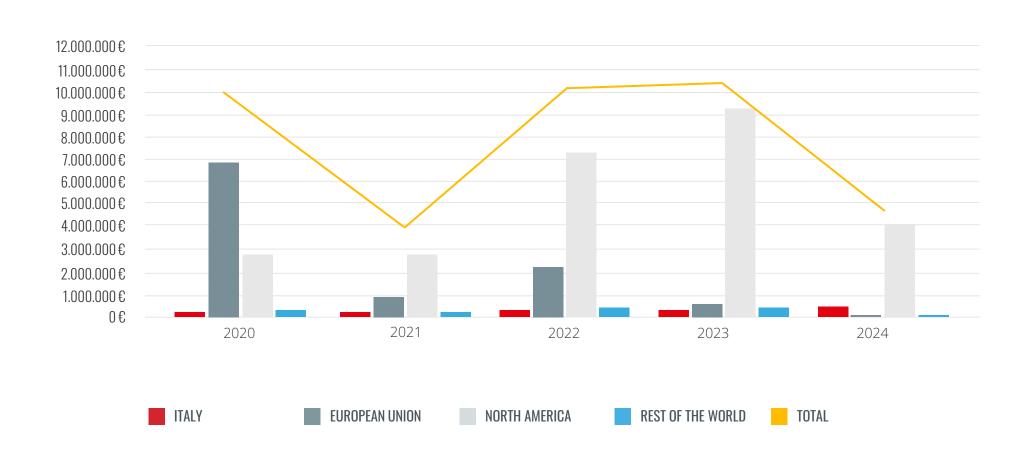
## RESULTS sales – OEM and standard sales



Rub & Private Label Oems



# RESULTS investments



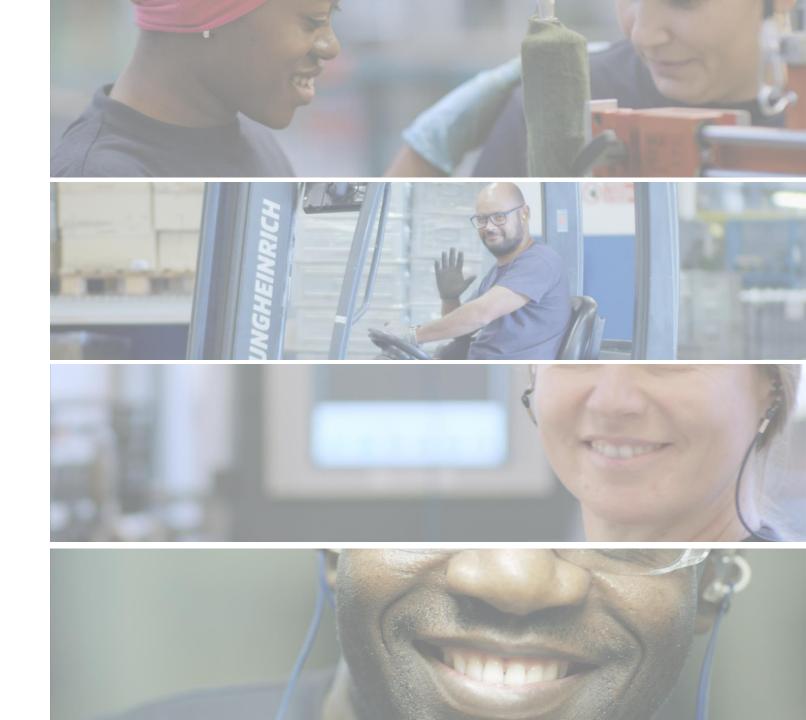


# RESULTS social performance

### Key data

In 2024, the Group reaffirmed its commitment to health, safety, training, and inclusion, with key achievements including:

- Over 3,000h of training, focusing on safety, soft skills, and operational excellence.
- Health & safety: only 1 minor accident in Italy; RuB Inc. achieved MNSTAR certification in the U.S.
- Ethical governance: updated 231 Organizational Model, active Whistleblowing policy, and Group-wide Code of Ethics.
- Employee well-being: extended welfare benefits, meal service at a symbolic cost, psychological support, and upgraded workplace facilities.
- Diversity & inclusion: 9 nationalities represented.





# RESULTS environmental performance

### **Carbon footprint**

In 2024, Bonomi Industries and RuB Inc. reduced their total  $CO_2e$  emissions to 1,239 tons, achieving a **16% decrease** compared to 2023.

92% of these emissions (Scope 2) were related to electricity consumption, down 16% thanks to the adoption of smart, energy-efficient technologies and increased self-generation through solar panels (+105% vs. 2023).

Scope 1 emissions dropped by 14%, reflecting **lower natural gas usage** due to improved insulation and optimized heating systems.

The company also reduced raw material usage by 32% and prioritized local, ESG-aligned suppliers—98% of raw materials were sourced within 50 km of the production site.





### **Production & Quality**



### PRODUCTION & QUALITY

### **Quality control**

From rigorous incoming goods inspections to double leak testing, 24-72 hours valve assessments, and visual inspections for top markets/applications, Bonomi Industries ensures consistent reliability and precision in every product.

Advanced traceability systems, calibrated instruments, and statistical software enhance quality control throughout the production process.

Our dedicated **Quality Control team** supports continuous monitoring and improvement, ensuring that each production batch meets exactly applicable standards. Paired with robust testing protocols and expert technical support, we deliver solutions designed to meet the most challenging applications.





### PRODUCTION & QUALITY

### **Certifications**

We are very proud of our 100% made in Italy shut-off brass valves, actuation and OEM engineered product manufactured in our ISO 9001:2015. ISO 45001:2018 and ISO 14001:2018 certified Corporate Headquarters in Brescia, Italy.

We implemented this rigorous quality management and assurance system since 1995 monitored by Lloyd's Register, helping us improve quality and reliability.

Besides Lloyd's and PED compliance, we offer a verified package of quality assurance based on testing services, state of art technology and approvals released by main laboratories and quality agencies from all over the world.

Find on our website

### PRODUCT TYPE APPROVALS



### **COMPLIANCES**





PED 2014/68/UE by ICIM (0425)

PED

EAC





### PRODUCTION & QUALITY our volumes

over 3,000 Finished products

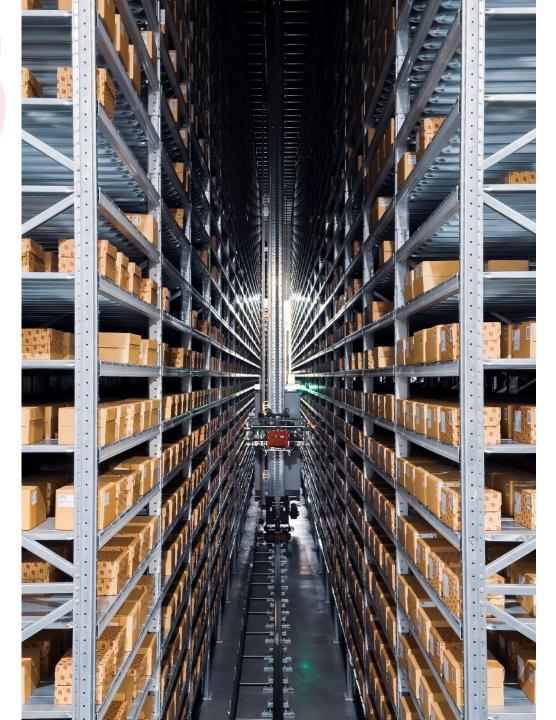
**8 min** Brass valves produced per year

**7,300** Pallets filled

over 7,000 Different components

**270,000** Components produced per day

over 60 mln Components produced per year





### PRODUCTION & QUALITY our tests



Automatic testing throughout the whole process

- 2 Sea
  - Seal tests on each valve\*
- 24

Hours seal test on each valve\*



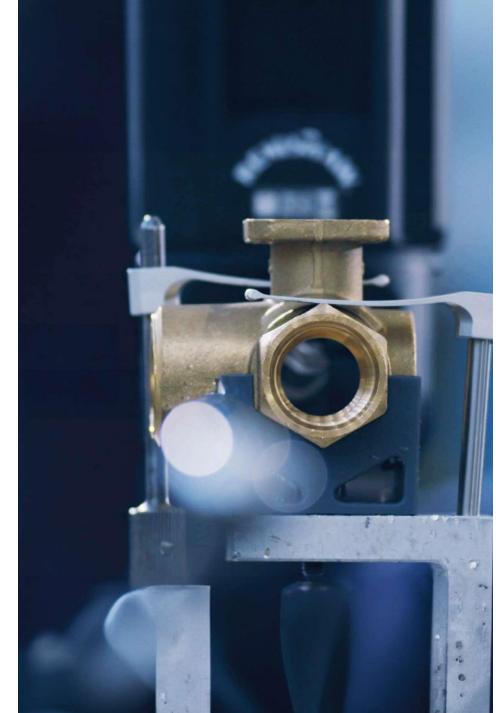
Statistical in-line inspections of all components

400.000

Tests performed every day in production

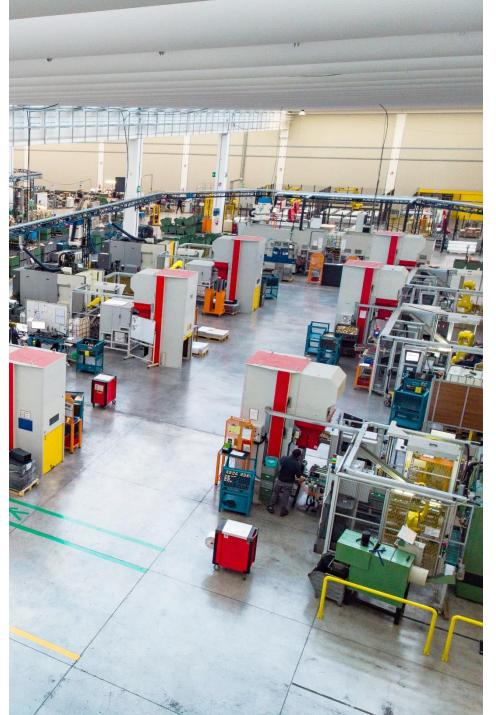
25.000

Cycles zero-leakage life-test, along with four times burst-test, are part of our validation program



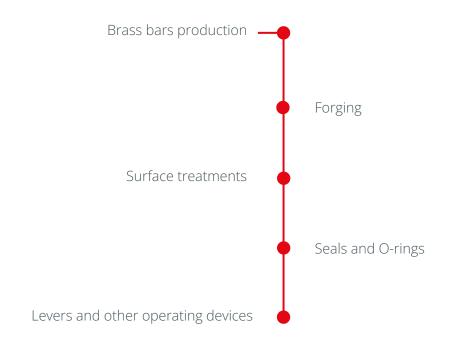
### PRODUCTION & QUALITY internal processes

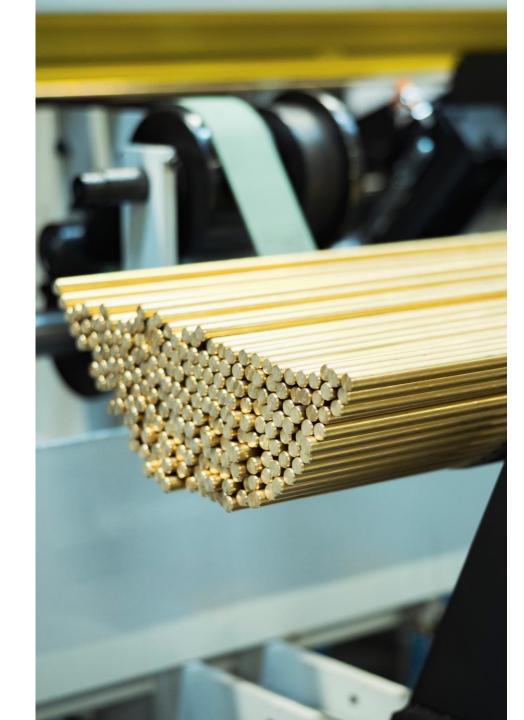
Transfer machines, specifically designed for forgings from 1/8" to 4" size CNC lathes and drilling machines Multi spindle bar cutting machines Transfer machines for bars Custom-made valve balls cutting and polishing machines Flexible assembly and testing lines Automatic assembly machines 1/8" through 4" Automatic and self-calibrating in-line testing equipment In-house tool production Wireless integrated system for management of goods storage, batch traceability, realtime up-to-date information on parts inventory Packaging line





### PRODUCTION & QUALITY external processes







### PRODUCTION & QUALITY our capabilities



### **Production**

Inline, self-calibrating tests



### Logistic

Use of bar code throght-out all stages of production and multiple quantity verifications



### Alloys

Traditional brass, low lead brass, leadfree brass, aluminum, dezincification-resistant brass



### **Subcontract**

Steel plates, plating, forging, plastics, elastomers, all sourced locally



### **FMEA**

Available upon request PPAP



### **Dimensions**

5.5 mm thru 100 mm



### **Seal test**

Air test by automated equipment, 100% automated air-leak test



### **Assembly**

100% in-line inspection of all components



