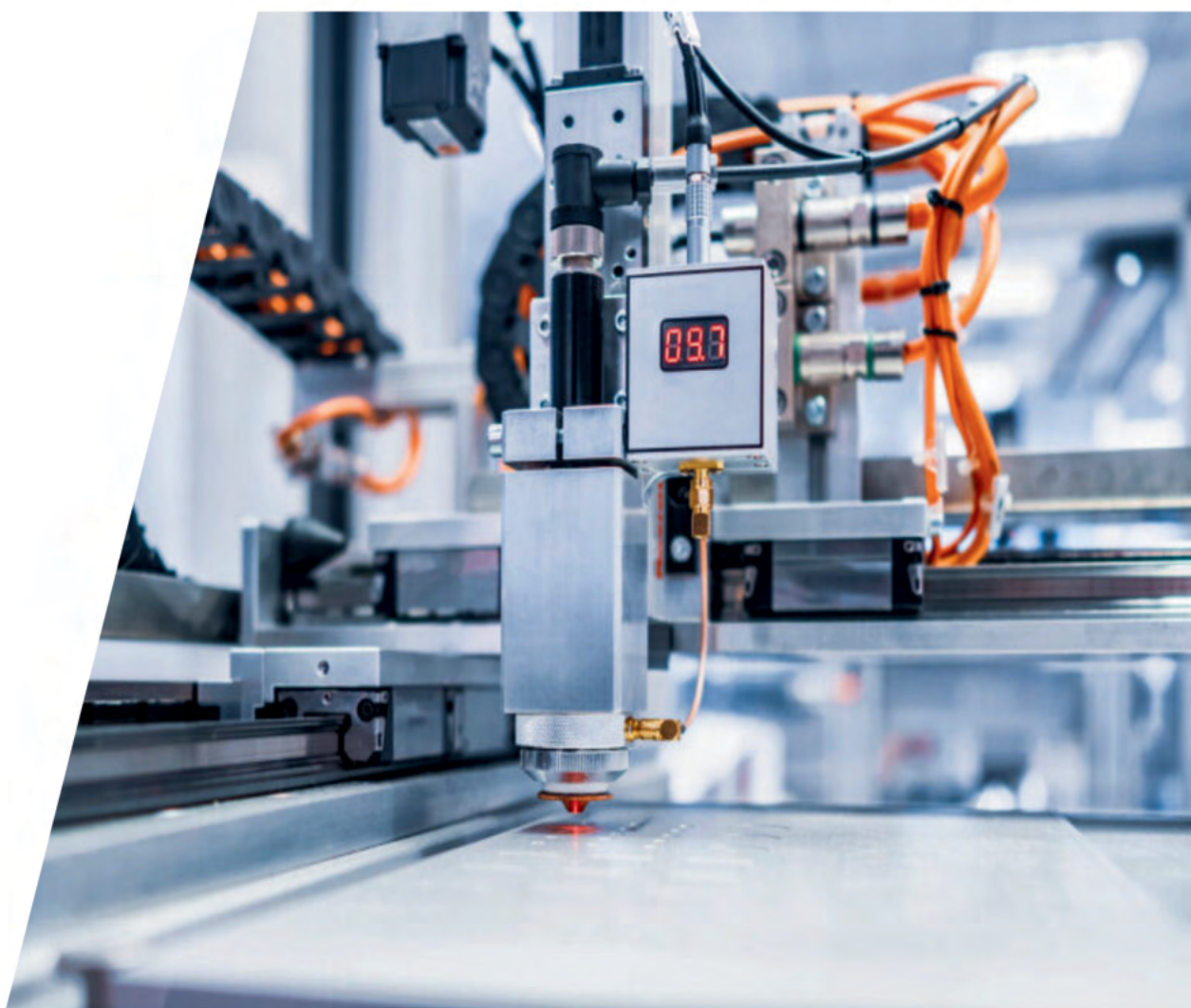
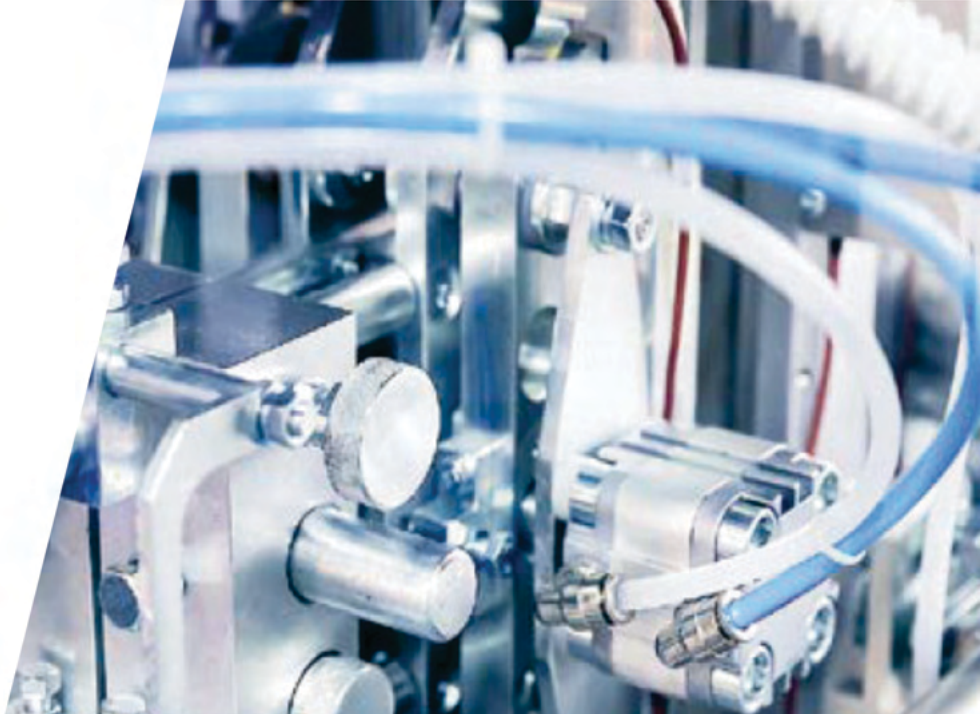
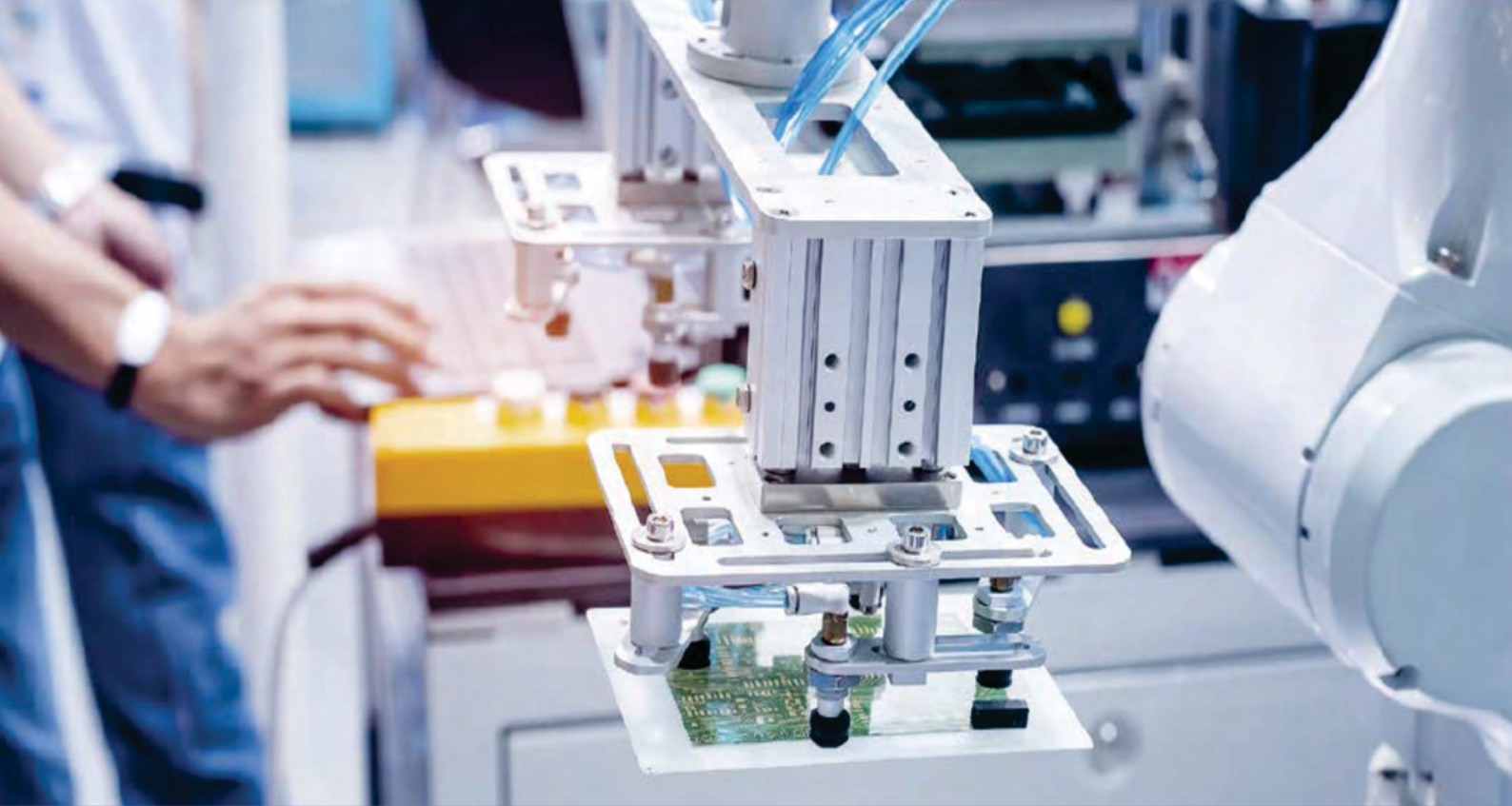


# **BIBUS**



GAS SPRINGS  
SAFETY CHUCKS  
ROTARY DAMPERS  
DIAPHRAGM PUMP  
ELECTRIC MOTORS  
ELECTRIC WHEELS  
SHOCK ABSORBER

COUPLINGS  
SPECIAL VALVES  
ALUMINIUM PROFILES  
SIDE CHANNEL BLOWERS  
MEASURING INSTRUMENTS  
FLUID CONTROL COMPONENTS



## PNEUMATICS



## MECHATRONICS



## ENVIRONMENTAL TECHNOLOGY

### WHO WE ARE

BIBUS India is a leading technology solutions provider, offering a wide range of products and services in the fields of pneumatics, mechatronics, and environmental technology. As a subsidiary of the esteemed Swiss Company BIBUS AG, BIBUS India combines global expertise with local knowledge to deliver customized solutions that cater to the unique requirements of Indian industries. With a strong emphasis on quality, prompt delivery and exceptional customer service, BIBUS India is committed to empower industries with excellence and driving their success.

### HERITAGE

BIBUS India has a rich heritage rooted in the renowned BIBUS AG with its HQ Switzerland which has been a prominent player in the technology sector for over 75 years. Drawing upon this extensive experience, BIBUS India brings forth a legacy of expertise in pneumatics, mechatronics, and environmental technology. With a strong focus on delivering high-quality products, customized solutions and unmatched customer service. BIBUS India continues to build upon its heritage to provide innovative and reliable solutions that empower industries and drive their growth.

### WHAT WE DO

BIBUS India is a leading provider of advanced technological solutions and components. With a strong emphasis on quality and customer satisfaction, BIBUS India offers a comprehensive range of products and services in the fields of pneumatics, mechatronics and environmental technology. Our offerings include top-quality components from renowned manufacturers, customized solutions tailored to specific requirements, technical consulting and design. BIBUS India strives to empower industries by delivering efficient systems, prompt delivery, and reliable order processing.

## Technology

### **BIBUS AG (CH)**

BIBUS s.r.o. (CZ)  
BIBUS SK s.r.o. (SK)  
BIBUS MENOS Sp. z o.o. (PL)  
BIBUS GmbH (DE)  
BIBUS Zagreb d.o.o. (HR)  
BIBUS Austria GmbH (AT)  
BIBUS (UK) Ltd (UK)  
BIBUS Kft. (HU)  
BIBUS France S.A.S. (FR)  
INOTEH d.o.o. (SI)  
BIBUS Ukraine LLC (UA)  
BIBUS o.o.o. (RU)  
BIBUS SES SRL (RO)  
BIBUS (BY) COOO (BY)  
BIBUS SINDBY A/S (DK)  
BIBUS Bulgaria Ltd. (BG)  
BIBUS Spain, S.L. (ES)  
BIBUS Portugal, Lda (PT)  
BIBUS Shanghai Mec., Ltd. (CN)  
BIBUS Endüstriyel Ürünleri A.Ş. (TR)  
BIBUS Hidrotos Hidrolik A.Ş (TR)  
BIBUS doo (BA)  
BIBUS Vietnam E&C Co., Ltd. (VN)  
BIBUS (Thailand) Co. Ltd. (TH)  
BIBUS India Pvt. Ltd. (IN)  
BIBUS Malaysia Sdn. Bhd. (MY)

### **BIBUS HYDRAULIK AG (CH)**

BIBUS Italia Srl (IT)

### **SAUER BIBUS GmbH (DE)**

### **WESER-PUMPEN GmbH (DE)**

## Materials

### **SAUTER EDELSTAHL AG (CH)**

### **SAUTER METALL GmbH (DE)**

### **BIBUS METALS AG (CH)**

BIBUS METALS Austria (AT)  
Sales Ofce  
BIBUS METALS ASEAN (VN/KR)  
Sales Ofce  
BIBUS METALS Sp. z o.o. (PL)  
BIBUS METALS Kft. (HU)  
BIBUS METALS S.R.L. (RO)  
BIBUS METALS TOV (UA)  
BIBUS METALS o.o.o (RU)  
BIBUS METALS Ltd. (HK)  
BIBUS METALS (Shenzhen) Ltd. (CN)  
BIBUS METALS s.r.o. (CZ)

### **BIBUS METALS GmbH (DE)**

BIBUS METALS France (FR)

### **S+D METALS GmbH (DE)**

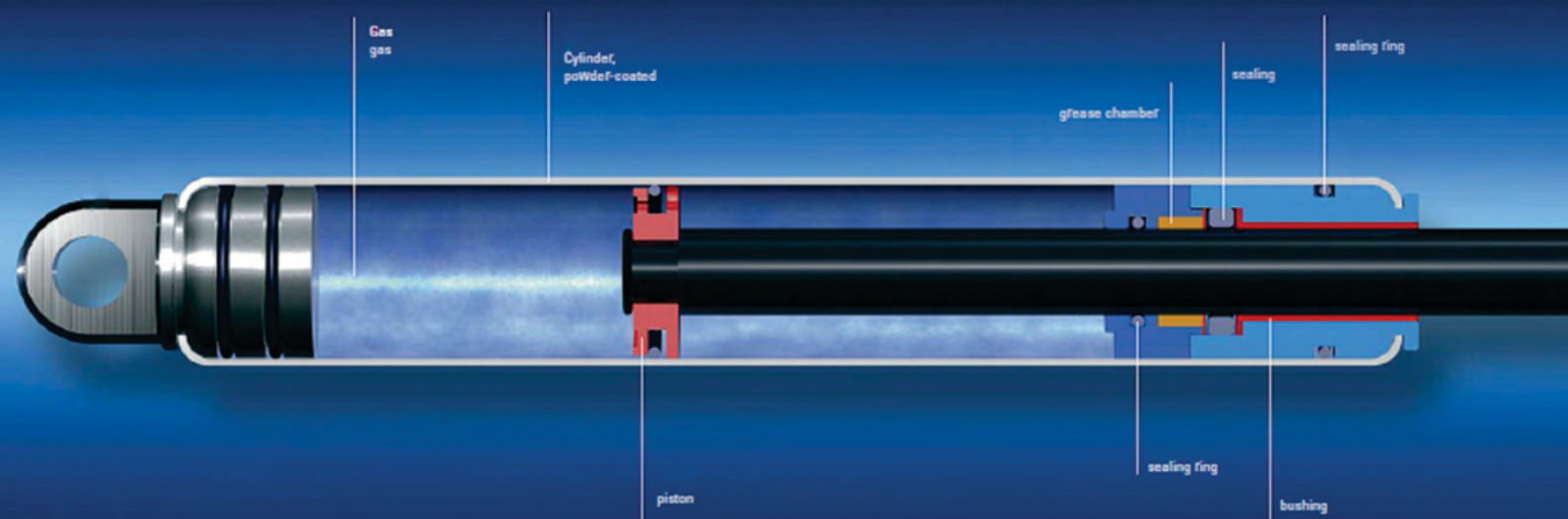
S+D METALS (FR)  
Sales Ofce  
S+D METALS (IT)  
Sales Ofce  
S+D METALS (CZ)  
Sales Ofce  
S+D Speciality Metals UK Ltd. (UK)

### **HARTMANN MATERIALS AG**

## Electronics

### **MPL AG (CH)**

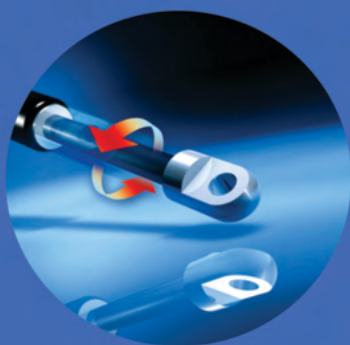
### **MPI Technologies AG (CH)**



## GAS SPRINGS

Discover the unparalleled quality and performance of industrial gas springs. Engineered to excel in demanding industrial environments, our gas springs deliver reliable force, seamless operation, and extended durability. With a diverse range of sizes, forces, and mounting options, we provide tailored solutions for all your industrial applications.

- Minimal friction
- Prolonged life cycles
- Highest corrosion resistance
- Aviation-grade gas springs
- Tailored solutions for all your industrial applications.
- Innovative CeramPro surface treatment on the piston rod





## APPLICATIONS

- Aerospace Assemblies
- Vehicle Productions
- Industrial Equipment
  - ▶ Machinery Doors
- Marine Equipment
- Furniture Equipment
  - ▶ Outdoor Furniture
  - ▶ Kitchen Furniture
- Medical & Rehabilitation Equipment

- Powder coated cylinders
- CeramPro treated piston rod surfaces
- Minimal friction to achieve lowest extension forces
- Protection against vibration and side forces.
- Low break away forces
- Installation and storage in any position

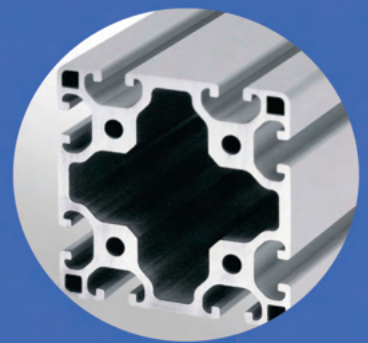
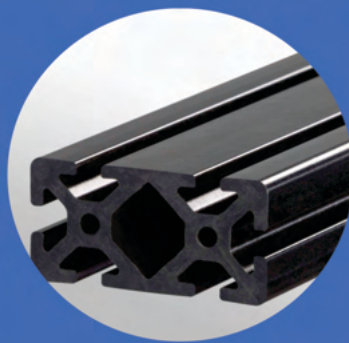




## ALUMINIUM PROFILES

Comprehensive solution for constructing various structures and systems. The system consists of aluminum profiles, fasteners and a wide range of accessories. It offers versatility, allowing for easy assembly, modification and expansion. The Machine Building Kit System is known for its high strength-to-weight ratio, durability and precision.

- Modular Design
- High Strength-to-Weight Ratio
- Profiles offer unmatched versatility
- Excellent durability and resistance to wear and corrosion
- Comprehensive range of compatible accessories and connectors
- Anodized sleek and modern design, adding an aesthetic appeal



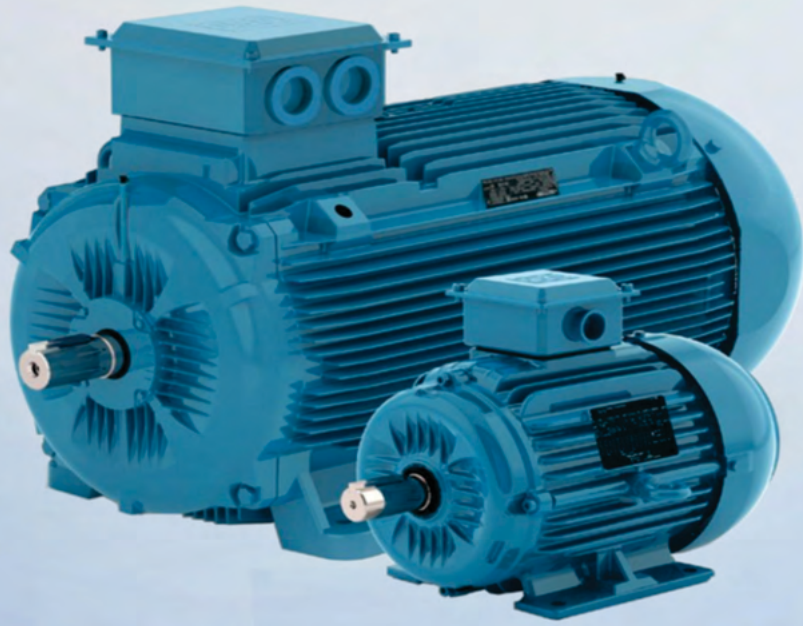


## APPLICATIONS

- Machine Building kit system
- Workbench system
- Ergonomic workplace design.
- Stairway & platform system
- Machine steps, platforms, industrial guardrails & more, Machine Enclosure system
- Cleanroom solutions
- Robot Applications & Linear systems
- Robot bases, Robot cells, Robot tables.

- Power locking feature
- Ergonomic workbench design
- Anodized hardness 250-300 HV
- Wide range of ESD components
- Load carrying capacity - 500N to 10000N
- Flexibility to integrate with other solutions
- Extensive array of accessories and components
- Anodized thickness - 10 Microns minimum and maximum up to 50 Microns. Can be extended repeatedly

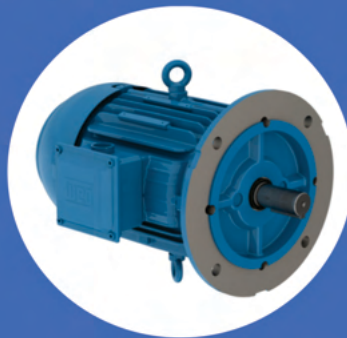




## ELECTRIC MOTORS

The IE2 motors lie in the high-efficiency range. As one of the most popular types of electric motors, induction motors are used in a wide range of applications from small electronics to large industrial machines. Often referred to as asynchronous motors, induction motors are characterized by their simple construction and high reliability. The IE3 premium efficiency low voltage motors, manufactured in India, are certified exclusively by BIS

- Robust construction with high grade GJL200 cast iron frame.
- Heavy Duty motors with high starting torque.
- Totally Enclosed Fan Cooled (TEFC) design, with an IP55 degree of protection.
- Deliver high efficiency, helping users save on energy costs & reduce carbon footprint.
- Wide range of output power options, ranging from 0.18 to 355 kW.
- Number of poles (2, 4, 6 and 8) and frame sizes (71 up to 355A/B).







## APPLICATIONS

- Mining
- Steelplant
- Sugarcane mill
- Pulp and paper
- Power generation
- Cement and petrochemical
- Manufacturing industries (Eg: Machines, Blowers, pump etc)

- BIS & CE Marking
- 3 years warranty
- Suitable for VFD use
- Efficiency level IE2, IE3, IE4 & IE5
- UL/CSA, NEMA, ATEX & IECEx available under request
- Insulated NDE end shield for frames 315S/M to 355A/B





## SAFETY CHUCKS

Safety Chucks are the go-to solution for web handling and converting applications. Designed to ensure secure roll positioning, they prevent slippage and maintain consistent tension on materials. With their robust construction and various sizes, Safety Chucks offer reliability in demanding industrial environments.

- Durable Construction
- Customizable Shaft End
- Quick Replaceability of Wearing Parts
- Secure Roll Positioning by preventing slippage
- Available in foot or flange mounting configurations
- Facilitates fast and easy roll exchanges, minimizing downtime





## SIDE CHANNEL BLOWERS

Our side channel blowers, manufactured for industrial applications, offer a wide working range with flow rates ranging from 20 to 2500 m<sup>3</sup>/h. They can generate vacuum from 0 to -300 mbar abs and positive pressure from 0 to +1000 mbarrel. These blowers can function as both exhausters and compressors. They can be fitted with frequency converters, and their layout can be horizontal or vertical.

- Robust Construction crafted from full die cast aluminum
- The absence of lubrication needs between static and rotating components simplifies maintenance.
- Low Noise Emission equipped with dedicated silencers for both suction and exhaust
- Customizable configurations, including adaptations for ATEX 3GD and 2G standards.





## ELECTRIC WHEEL

Autonomous electric wheels that integrate motors and batteries, providing powerful and efficient performance. This cutting edge technology not only provides exceptional performance but also contributes to a cleaner and more sustainable future. These are well-suited for material handling equipment such as forklifts, pallet trucks, and automated guided vehicles.

- Compact solution for handling equipment
- Heavy loads moved without effort by operators
- Contribute to a greener environment
- Solutions customized to meet specific needs
- External batteries added to allow for continuous operations
- Provide smooth acceleration, accurate maneuverability, and consistent torque

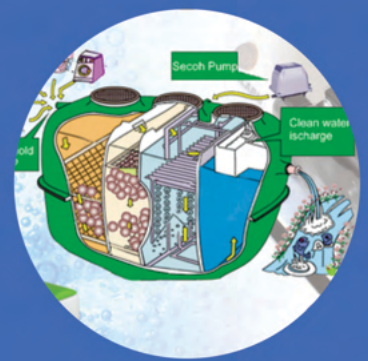




## DIAPHRAGM PUMPS

Our air pumps are specifically designed for a wide range of environmental technology applications. These pumps are renowned for their reliability, efficiency, and compact design. With low noise levels, they provide precise and dependable airflow. These reliable pumps effectively draw in air and deliver it for aeration in wastewater treatment, aquaculture, medical devices and more.

- Designed and built using high quality materials.
- Maximizing airflow while minimizing energy consumption
- Compact and space - saving design, even in environments with limited space.
- Air pumps feature specially designed pump chambers and integrated tank base mufflers, resulting in a nearly pulsation-free airflow.



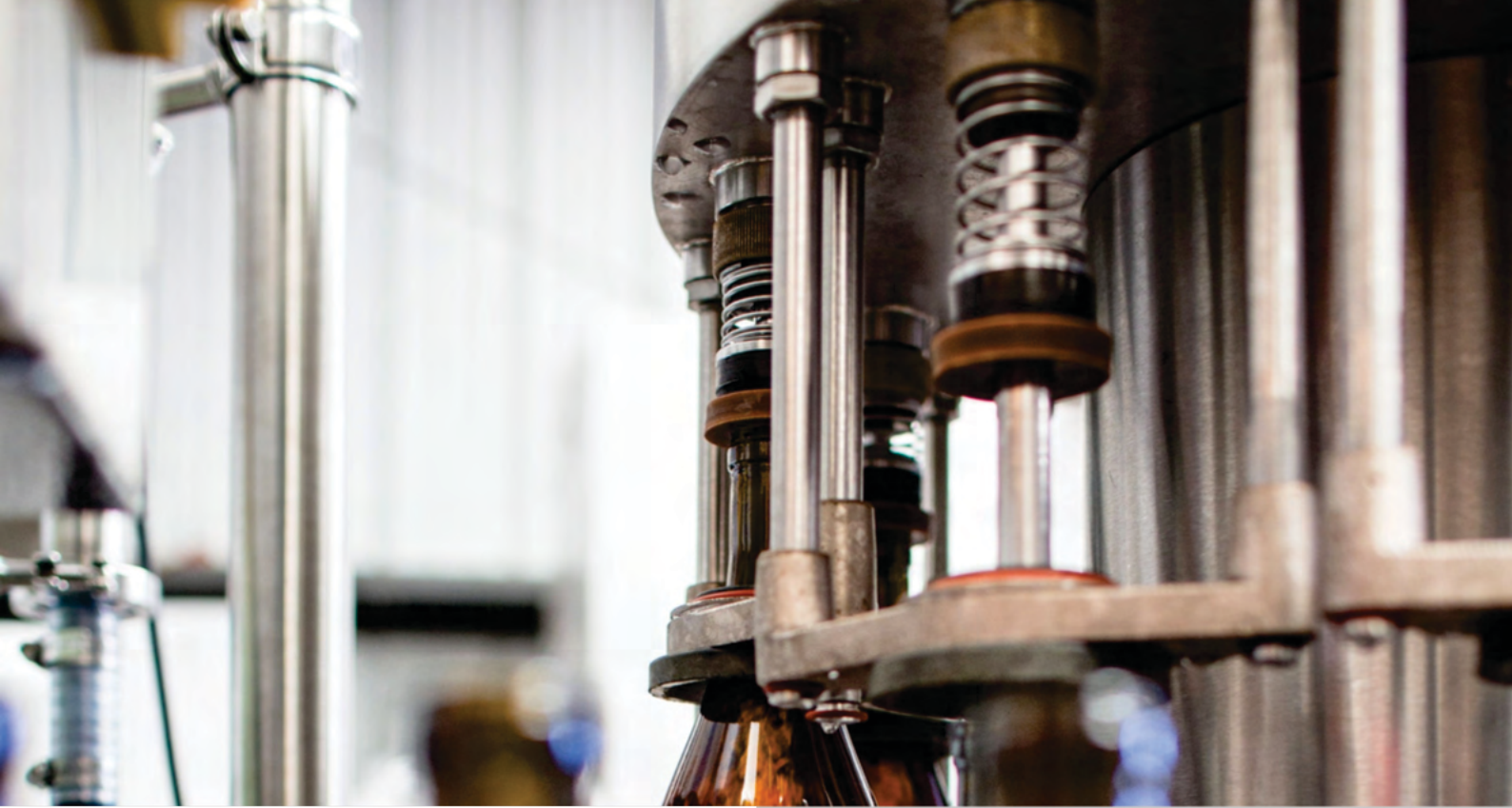


## TEMPERATURE AND LEVEL MEASUREMENT

Discover Our Float switch and temperature switch for reliable level and temperature detection. Ideal for shipbuilding, wind turbine, water treatment, petrochemicals and more. Customizable design options, including sliding tube and mounting choices. Experience precise temperature control with the bi-metal switch and ATEX-complaint explosion-proof devices. Trust us for versatile solutions tailored to your industrial needs.

- Easy and inexpensive mounting float switches offer a hassle-free and cost effective installation process.
- They can effectively detect and control levels in various fluids, ensuring versatility and compatibility.
- Various temperature sensors available: With options like PT100 and PT1000 sensors, these devices offer flexibility and accuracy in temperature detection.





## SHOCK ABSORBERS

Upgrade your industrial machinery with high performance shock absorbers and rotary dampers. Our shock absorbers provide reliable mitigation of shocks caused by highspeed operations, ensuring smooth and efficient productivity.

- Advanced Seals
- Long Service Life
- Reliable and Durable
- Superior Shock Mitigation
- Customization based on specific requirements

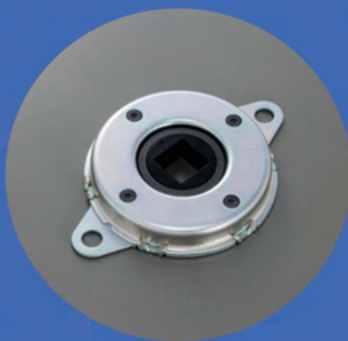




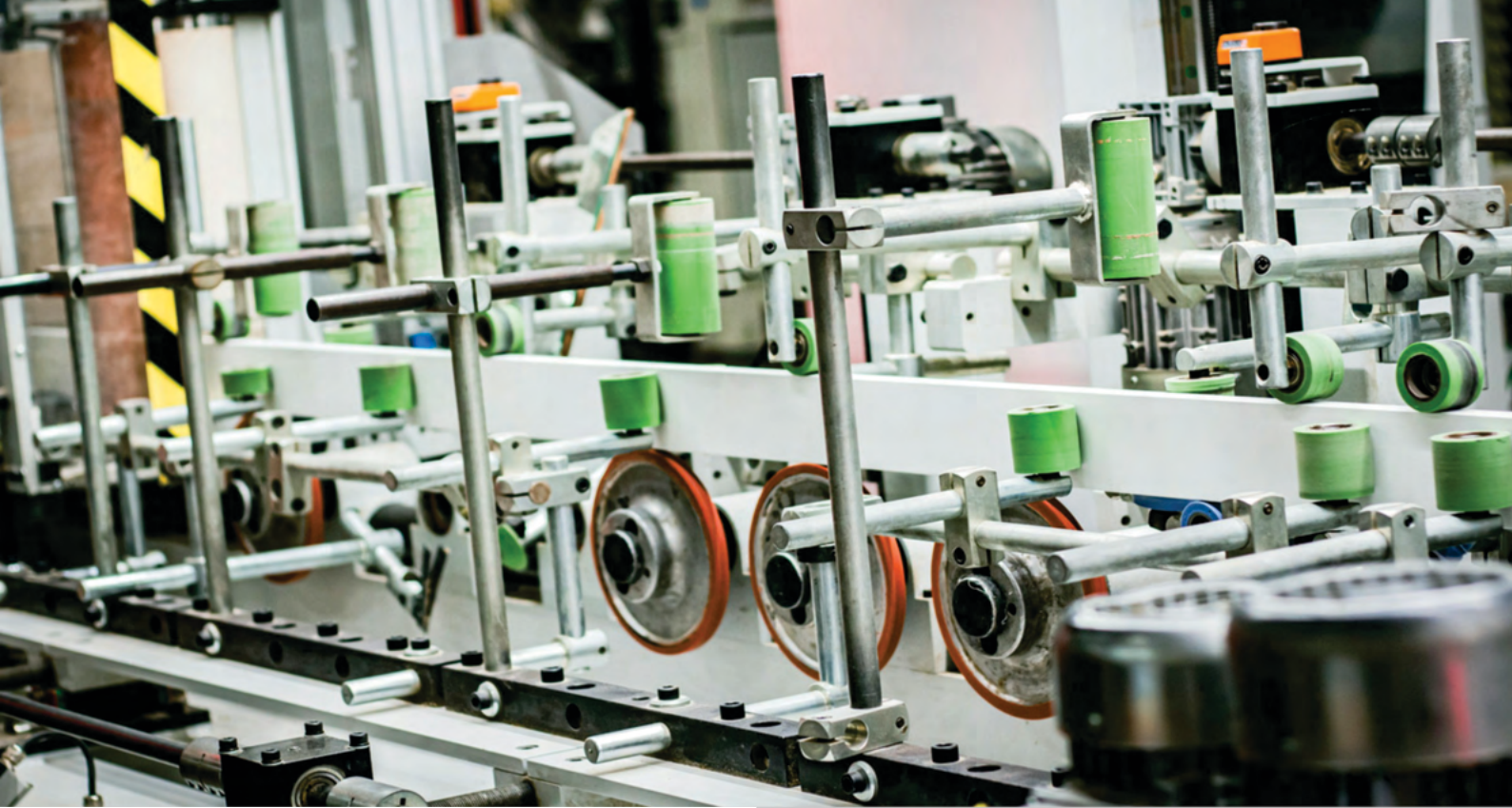
## ROTARY DAMPERS

Our rotary dampers deliver a soft opening/closing action for doors, lids, and more, adding a touch of quality to your products. Experience exceptional impact absorption, precise motion control, and enhanced durability. Elevate your operations with our advanced solutions.

- Smooth Motion Control
- Utilizes Oil Viscosity or Hydraulic Resistance
- Offering versatility in various industries and situations
- High Productivity & Lean Specifications
- Broad Range of Customized models for damping Lid & door motions





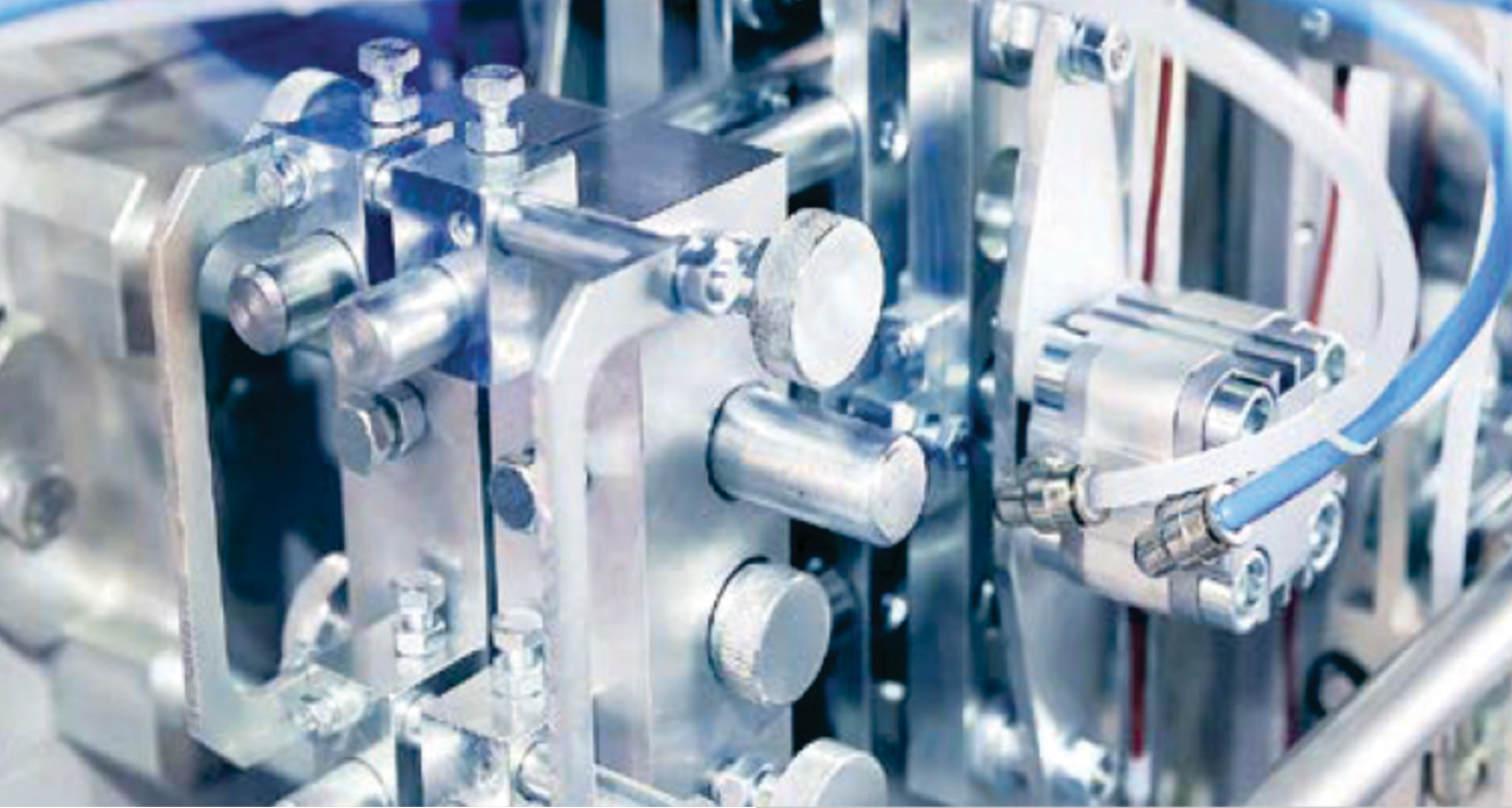


## PRECISION COUPLINGS

Precision couplings for high-speed, precise motion transfer. They offer standard and custom solutions, ideal for compact, efficient systems. Their products prioritize reliability and performance, ensuring optimal operation for various applications. As transmissions shrink to accommodate lighter machinery, these couplings offer cost-saving advantages over traditional types.

- Compact design
- Low moment of inertia
- Wear and maintenance free
- High positioning accuracy
- Vibration damping and precise
- Use with aggressive media or high temperatures
- Variant depth for different stiffness and offset compensation requirements





## PNEUMATIC SOLUTIONS

BIBUS India offers a wide range of pneumatic actuation products for both linear and rotary movements. From ISO and nonstandardized actuators to compact, inox, guided, and rodless cylinders, we have solutions to meet diverse industry needs. Our valves and solenoid valves are designed for precision and reliability, with options for directly and indirectly operated solenoid valves, mechanical and manual valves, logic valves, and more.

- Offers a wide range of pneumatic cylinders catering to different applications. This includes ISO cylinders, standard cylinders, compact cylinders, inox cylinders, guided cylinders, non standardized cylinders, rotating cylinders, rodless cylinders
- Valves are designed for maximum performance in terms of flow rate and power consumption. Whether it is, mechanically, or pneumatically operated valves. These are available in different sizes and flow rates.

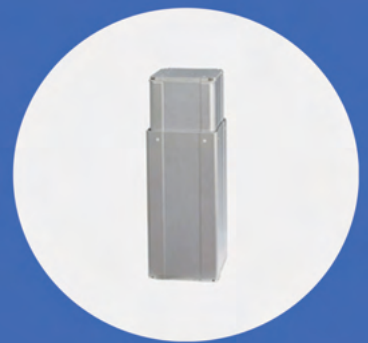


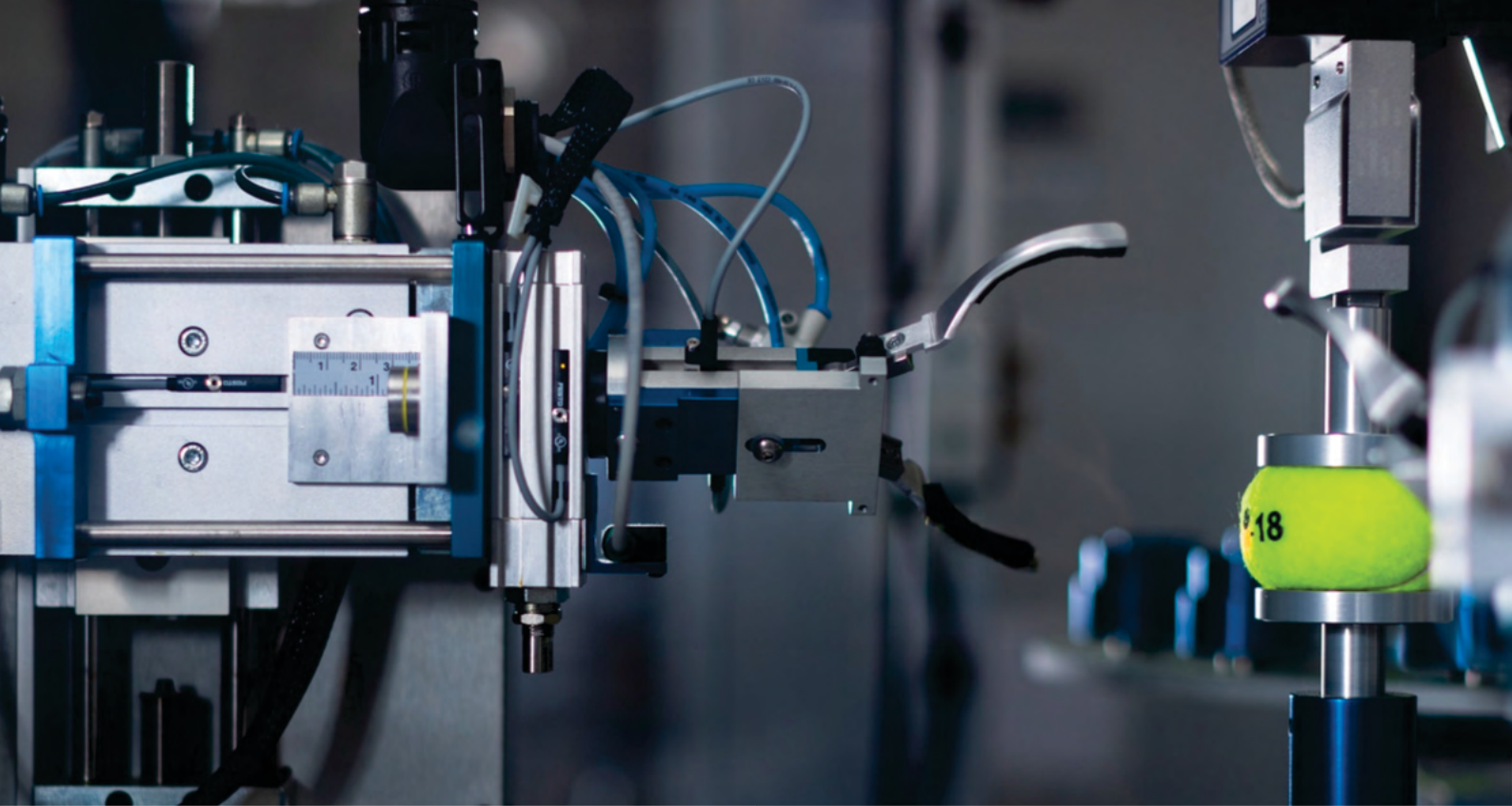


## BIBUS LINEAR ACTUATORS

BIBUS Linear Actuators, specifically designed to elevate the performance of hospital beds, dental chairs, OT tables, basement trapdoors and murphy beds. Engineered with cutting-edge technology and precision, which ensure seamless, smooth, and precise movements, revolutionizing functionality in various applications. With a focus on safety and reliability, our robustly constructed actuators, delivering durability and longevity for everyday use.

- Smooth Quiet and Precise Movements our compact and maintenance free DC linear actuators ensure seamless and controlled adjustments, allowing for quiet, smooth and precise movements.
- Delivers unparalleled comfort & ergonomic advantages to both patients and caregivers
- Quiet and effortlessly smooth telescopic lifting columns, catering to both industrial and medical equipment needs.



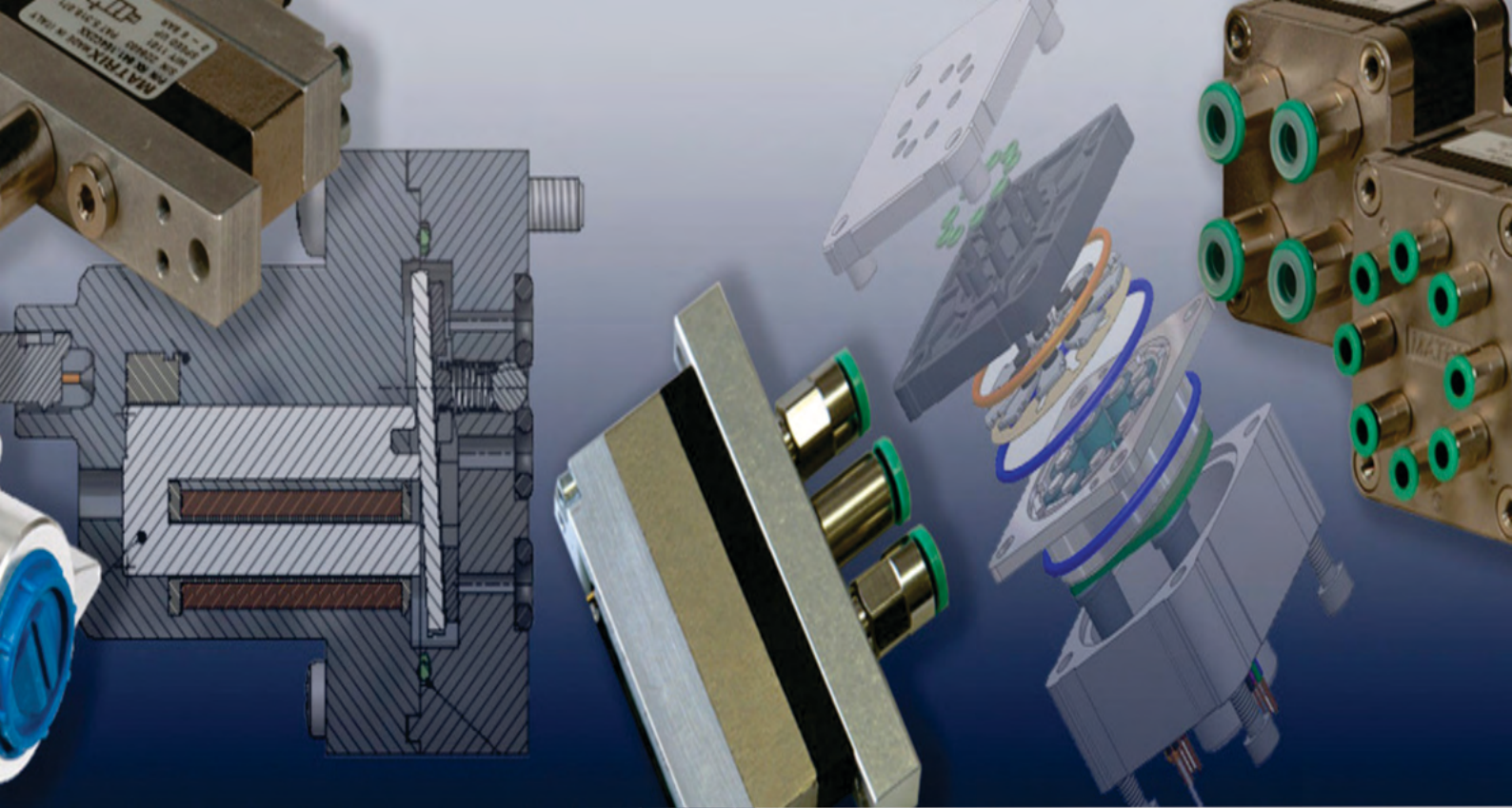


## PNEUMATIC GRIPPERS

The pneumatic gripper has gained extensive usage in worldwide factory automation due to its acknowledged quality. Resembling human fingers, these grippers adeptly manipulate objects in vertical or horizontal orientations. Their categorization spans power supply (standard, simple, complex), cylinder size (small, medium, large), and movement patterns (angle, parallel). Versatile options emerge from operational techniques such as rack & pinion, roller guide, link lever, crank lever, CAM, and wedge mechanisms.

- Versatile Gripping Abilities: allowing them to adeptly lift and position objects both vertically and horizontally, enabling diverse automation tasks.
- Gripping Force: grippers are available in different sizes and configurations
- Gripper Finger Options: pneumatic grippers offer a variety of finger options to suit different object shapes and sizes.
- Mounting and Integration: designed to be easily mounted and integrated with different robotic systems and automation equipment





## PNEUMATICS VALVES

BIBUS India offers a range of superbly engineered valves designed for demanding OEM applications. Their versatility extends to plug-and-play manifolds with high-speed valves, reducing assembly time for high-speed sorting equipment. These valves find wide application, enhancing sorting technology in various sectors, including pharmaceuticals and color sorting machines, where their rapid cycling supports uninterrupted 24-hour operations. These valves combine durability, speed, and reliability, propelling sorting advancements globally.

- These valves boast an extraordinary operational lifespan, spanning from a minimum of 500 million cycles to an impressive 4 billion cycles.
- With a response time of under 0.25 milliseconds, guaranteeing swift and seamless operations critical for efficient sorting applications.
- The ability to accommodate nine valves within a mere 2.5-inch cube, making them ideal for space constrained setups.
- Operating on minimal power, some valves consume as little as 0.8 watts



BIBUS AG (HQ)

📍 FEHRALTORF  
(SWITZERLAND)



## OUR PARTNERS

### MECHATRONIC PARTNERS



### PNEUMATIC PARTNERS



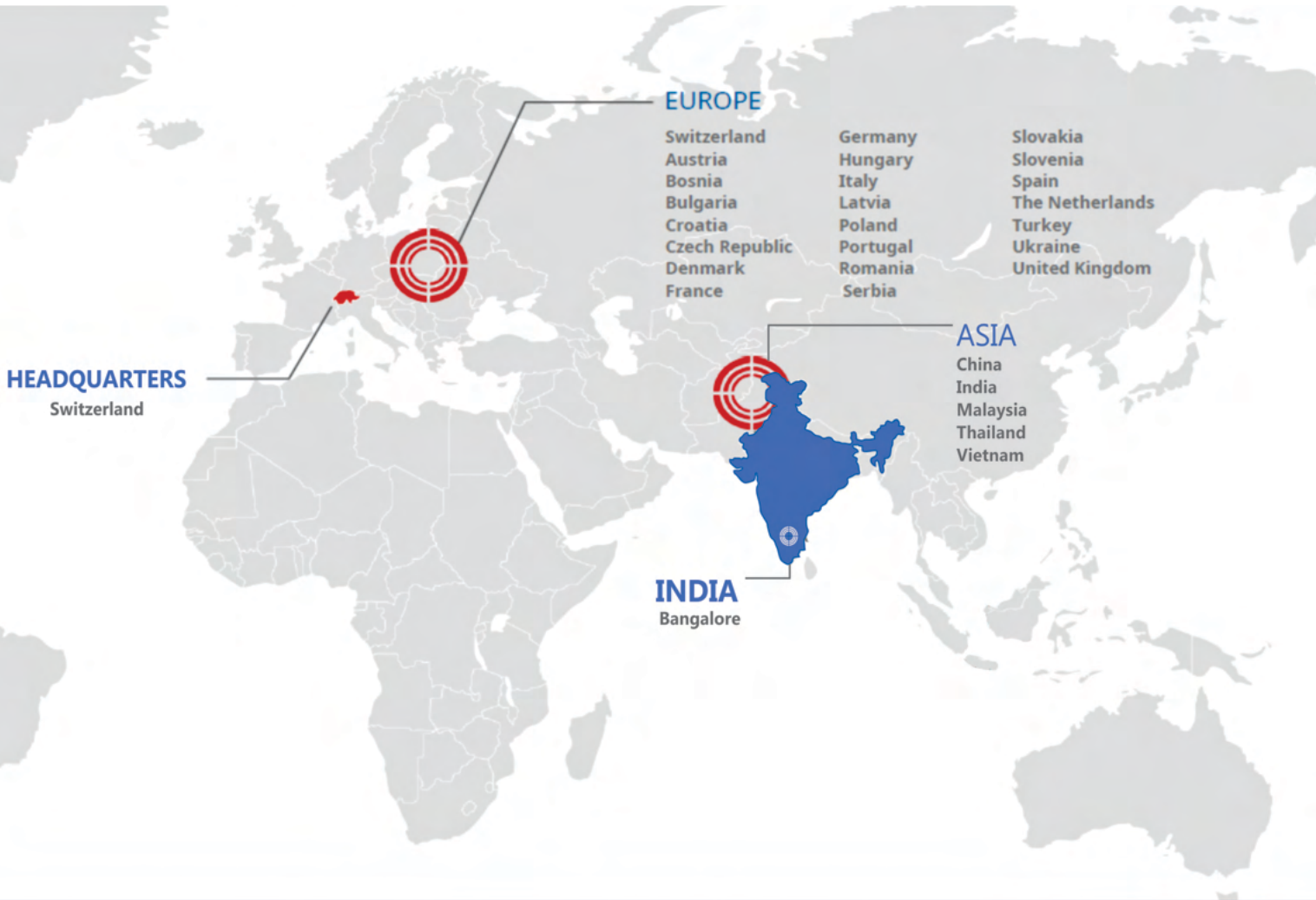
### ENVIRONMENTAL TECHNOLOGY PARTNERS



### HYDRAULICS PARTNERS



Supporting Your Success.



PRODUCT SALES : +91 9538027882  
INTERNAL SALES : +91 9538883856  
INTERNAL SALES : +91 6366825033  
BANGALORE OFFICE : +91 9916034347

[info@bibus.in](mailto:info@bibus.in) | [shop.bibus.in](http://shop.bibus.in)

BIBUS INDIA PRIVATE LIMITED  
No. 102/25, 1st Floor, Yellupuravillage,  
Kasaba Hobli, Near KSSIDC Industrial Area  
Doddaballapura Taluk, Bangalore - 561203

