



 **HABONIM**
Industrial Valves & Actuators

D E D I C A T E D T O I N N O V A T I O N



D e d i c a t i o n

Habonim has earned an international reputation for developing and manufacturing high quality ball valves, pneumatic actuators and ancillary equipment. Our dedication has led us to innovations that have improved productivity, Health and Safety and generated significant cost savings for our customers all around the world.

Since the 1960s we at Habonim have worked together with our customers to formulate exact solutions to challenging problems in a wide range of industries. We consider ourselves a pioneer in the industry, by showing our continual willingness to search for and develop specific solutions to difficult and complex applications.

Our Commitment to Quality

We are dedicated to providing high-quality products from design to manufacturing, through assembly and delivery. Every Habonim valve and actuator is 100% inspected before leaving our factory thus guaranteeing our high quality standards. Our modern production facilities are ISO 9001:2000 certified and our products are CE-PED and ATEX compliant.



Innovation



Habonim's in-house R&D department has demonstrated its ability to develop creative, practical solutions using ball valve technology. From a space saving manifold system to the breakthrough 4-piston Compact actuator, our R&D department brings together a unique combination: flexibility and a problem-solving perspective.

Challenge and Creativity

Our "culture of creativity" sets us apart - and ahead - of our competitors. Our R&D team constantly seeks cutting edge ways to use its know-how, technology and resources in developing original solutions. We readily undertake challenging tasks involving space or weight limitations, energy usage, or operational speed restrictions.

Solution Provider

Engineering

Working in partnership with the end-user, our highly experienced industrial and mechanical engineers develop configurations that work reliably and safely under all extreme conditions. By continually paying close attention to detail, our valves and actuators are engineered to maintain efficiency and perform with a wide range of medias.

Customization

Quality engineering makes all the difference in highly specialized applications or customized products. "Your problem is our solution". That's the Habonim philosophy and attitude.



A Leading Player

Habonim valves and actuators can be found in diversified industrial applications around the world. Our products meet international standards and are engineered to work safely and efficiently with a variety of materials in the following industries:

- ▶ Pharmaceutical
- ▶ Biotech
- ▶ Cosmetics
- ▶ Food and Beverage
- ▶ Semiconductors
- ▶ Petrochemicals
- ▶ Chemicals
- ▶ Fine Chemicals
- ▶ Oil and Gas Refineries
- ▶ Offshore Drilling
- ▶ Power
- ▶ Mining
- ▶ Pulp & Paper



A Dedicated Partner

Habonim is a dependable, world-class partner and a solution provider.

We offer you:

- ▶ Diverse product range
- ▶ Attention to details
- ▶ Dedicated customer support
- ▶ Engineering assistance
- ▶ Global presence

We are dedicated to providing our customers with innovative solutions



Ball Valves

Habonim manufactures a range of reduced-bore and full-bore 3 piece and flanged ball valves in sizes 1/4" to 10" and offers a wide range of materials including exotic alloys and a selection of safety accessories.

Our valve range includes:

- ▶ TuBore
- ▶ Diverter
- ▶ 3, 4 & 5 way
- ▶ Flash bottom tank
- ▶ Cryogenics
- ▶ High purity
- ▶ Double Block & Bleed
- ▶ Manifolds
- ▶ Tailor made



Our extended range of Seat materials covers applications as diverse as cryogenic to petrochem and mining through Biotechnology (FDA compliant).

Valve pressure ratings are from class ANSI 150 to class ANSI 2500 with antistatic and firesafe designs to BS5351, API 607 & other International Standards.





Control Valve

The Habonim control ball valve combined with Habonim's unique 4 piston pneumatic actuator - COMPACT II, mounted with any positioner offers a complete solution for the majority of Industrial applications where there is a growing demand for a reliable and accurate yet economical package.

Habonim manufactures two types of control valves:

- ▶ Characterized metal downstream seat for steam and higher temperature/pressure applications
- ▶ Characterized ball design for general purpose applications and with a wide range of construction material including exotic alloys

Habonim control valves provide outstanding repeatability, minimum hysteresis, wide rangeability with zero seat leakage and positive shutoff.



4 Piston Pneumatic Actuator

The patented 4-piston Compact II quarter turn actuator delivers twice the torque in a smaller housing than comparable traditional two piston actuator mechanism. The balance design of the piston considerably reduces air consumption, wear and tear, thus providing our customers with a more economical and extended product life. Compact II has set the standard for fastest cycling, most reliable pneumatic actuator with the highest cycle life performance on the world market today.



COMPACT II

COMPACT II

Spring Assist



The Impact Spring Assist is a pneumatic device whose purpose is to increase spring closing torque on spring return actuators. This is achieved by diverting air pressure from the inner chamber to the spring chambers so that in combination with the spring force an increase in the total closing torque of the actuator is achieved. Redirecting the air pressure into the spring chamber increases the spring end torque by 50% and more.

IMPACT
SPRING ASSIST

A Global player

We are dedicated to provide innovative solutions to the global market and we take pride in keeping personal relationship with our customers world wide.



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