



***Bimba offers more
actuation, in more sizes,
for more applications***



We focus on actuators...tens of thousands of different types

ISO Cylinders conform to international standards for dimensional interchangeability

Ready for delivery and competitively priced, our ISO 6431/VDMA 24562 and ISO 6432 cylinders are designed to meet international standards. These cylinders are available in bore sizes ranging from 8mm to 100mm. Options include integral flow controls and adjustable cushions, high temperature seals, and extra rod extensions or no threads. Metric Position Feedback Cylinders that meet ISO 6431/VDMA 24562 standards and ISO 6432 cylinders with thermoplastic end caps are also available.

Flat-1[®] cylinders are a perfect fit when space is tight

If your application is tight on space, our Flat-1 cylinders are the answer. Round, square, non-rotating, multiple power and multiple position models offer design versatility. They feature 4301 stainless steel bodies in bore sizes from 14mm to 100mm. Options include bumpers, seals and lubricants for high and low temperatures and non-lubricated service, Magnalube[®] G, rod wipers, extra rod extensions and position sensing.

Magnalube G is a registered trademark of Carleton Stuart Corporation.



EF1 and EF2 Cylinders are also ideal for limited spaces

The EF1 Cylinder features a compact aluminum-extruded body that is anodized with a special PTFE impregnation process for superior wear resistance and excellent frictional characteristics. The EF2 Cylinder is a double acting, non-rotating model that offers guided motion. Both models are available in ten bore sizes, 12mm to 100mm.

Ultran[®] rodless cylinders save space

Ultran's magnetically coupled design saves almost 50 percent more space than traditional cylinders and keeps out leak-causing contaminants for longer cylinder life. It also provides high coupling strength to carry higher loads. Ultran is available in two models and in nine bore sizes ranging from 8mm to 50mm.





PneuMoment™ pneumatic actuator easily handles high side loads and moments

Our PneuMoment pneumatic actuator's unique design features large bearing surfaces for carrying high side loads and moments. Standard side and end ports offer easy plumbing. Optional auxiliary ports allow air or vacuum through the actuator to connect additional automation devices such as grippers; and a vacuum port makes the actuator ideal for clean service applications.

Position sensing switches ease automation

We offer Magnetic Reed and/or Hall Effect Switches with all of our product lines. Recent product introductions include miniature Reed switches that slide into channels in the actuator body for a streamlined look. Quick connect options save assembly time and minimize wiring errors.

Flow Controls regulate cylinder speed

Speed control can be critical to cylinder performance. To keep our cylinders operating at their peak, we offer a variety of port-mounted Metric Flow Controls to regulate cylinder speed. Our Metric Flow Controls are available with a recessed needle to prevent tampering or a knob control for precise speed control and easy adjustment.

Pneu-Turn® rotary actuator requires less space

Our streamlined rack and pinion Pneu-Turn rotary actuator is constructed of corrosion-resistant stainless steel and anodized aluminum and has no external seals. The Pneu-Turn is perfect for transferring, clamping, binding, turning, screwing and camming applications. The Pneu-Turn is available in five bore sizes, 14mm to 50mm, in both single and double rack models.

Why Bimba is your only choice for quality actuators

The driving force behind our line of actuators is our commitment to customer satisfaction. It starts with our Bimba Limited subsidiary in the United Kingdom and our regional offices in Germany and Singapore. It continues with the design and manufacture of quality actuators that exceed performance and longevity expectations. It also means fast, on-time delivery and superior services.

Our corporate headquarters' ISO 9001 certification demonstrates our commitment to quality and provides a uniform framework for quality assurance that is recognized worldwide. We maintain three manufacturing facilities in the United States and one in the United Kingdom. Each houses a large inventory of off-the-shelf actuators to ensure fast delivery.

To provide you with the highest possible level of service, there are more than 120 stocking distributors worldwide. This international sales and service network provides engineering, application and after-sale service.

*But the service doesn't stop there. Our CAD drawings are available for immediate download from our Web site at **www.bimba.com**. A free or specially discounted actuator is offered to any qualified Original Equipment Manufacturer. Our engineering staff can custom design a cylinder to meet your most stringent requirements.*

*To learn more, contact your local distributor. If you need their name, just give us a call or visit our Web site at **www.bimba.com**.*

Your Stocking Bimba Distributor is:



Bimba Manufacturing Company
Monee, Illinois 60449-0068
Phone: 708-534-8544
FAX: 708-534-5767

www.bimba.com

Bimba Limited
23 Maxwell Road
Woodston, Peterborough
Cambridgeshire PE2 7JD
United Kingdom
Phone: 01733 391078
FAX: 01733 391080

Bimba Limited Asia-Pacific
Thoren Techno Centre
12 New Industrial Road #03-04
Singapore 536202
Phone: (65) 283-3316
FAX: (65) 283-3317