

Innovation in Automation

Gimatic is an innovative manufacturer of pneumatic products that make automation easier for the handling and plastics industry.

One of their innovations is the new slide actuator series ZA. This new product line has 44 models available with bores from 6 to 25 mm and strokes from 10 to 150 mm.

This carrier is a clear example of the advanced technology of Gimatic. This technology has often been found in other industries but has been lacking in pneumatic handling. Gimatic took advantage of the Zamak mono-block mould that allowed them to make a linear actuator with greater structural strength and advanced product engineering.

In addition the carrier has a tempered and refaced guide with recirculating ball bearings, which is based on an exclusive Gimatic patent. This guarantees a low friction coefficient, silence and high load capacity.

The new ZA slide can be augmented by the ZAK series accessories, and thus allow the assembly of hydraulic shock absorbers, rigid end strokes and rubber end strokes.



GIMATIC

Smallest Ultrasonic Sensor

Sonus, is the smallest and lightest ultrasonic sensor in the WORLD! That is the rightful bragging rights for Baumer who has again shown why they are rightfully in the forefront of sensing devices in the industry. Weighing LESS than a quarter coin and a physical size of only 10x14x27mm, Sonus proves that size doesn't matter: It has a sensing range of 200 mm and can be used in a variety of applications such as positioning, counting and measuring. In addition it functions regardless of surface structure, color, reflection or transparency of the objects, and is insensitive to contamination and external light effects.

Sonus has a very small blind range that allows for maximum application, and has both teach-in button and external teach-in inputs. So it may be small but it's still smart!

Typical applications:

- Packaging Machines
- Handling & Robotics
- Machine Construction
- Specialty Machines
- Laboratory automation
- Filling Machines
- Semiconductor indust



BaumerGroup

Baumer has again proved that it is always aware of what the automation industry needs and responds with products that bring the solution to the problem.

Precision and versatility at the cutting edge.

Today's fast paced and increasingly complex manufacturing environment demands versatile and affordable tools. Tools that are precise and reliable. Tools that are easy to use and simple to maintain, and most of all, able to evolve if and when production needs change. Ingersoll Rand automatic machining tools bring these qualities and more to your secondary machining operations.

Designed with extensive input from customers throughout industry, this tool line offers the most efficient and flexible tools for drilling, reaming, counter-sinking, and tapping requirements in most metals and non-metals. Whether your application is in plastic molding, metal die casting, or woodworking, Ingersoll Rand pneumatic and electric/pneumatic self-feed drills and lead screw tappers deliver highly effective and economical solutions to thousands of machining challenges.

Depending upon your process requirements and plant power sources, you can choose from electric/pneumatic or pneumatic self-feed drills, pneumatic self-feed and lead screw tappers, plus a wide range of spindle, control, and mounting accessories. All provide exceptional precision and versatility.



IR Ingersoll Rand