



RAPPRESENTANZE TECNOLOGIE IMPIANTI

Components and Systems for Industrial Plants

Our history

Since 1982 RTI Ltd. distributes and manufactures components and systems for the industry.

Started out as a small distributor of pneumatic components, thanks to the passion and tenacity of business partners, it immediately established itself in the distribution industry as a reference point for many small and large regional companies.

The national distribution of the ACE (1985) and the simultaneous resale of SMC pneumatic components, has led the company to quickly develop a strong network of customers and distributors throughout Italy. In the following years the growth has been fast and constant: year after year the company has grown by introducing new products as a final touch to the business offer.

The will to produce products under its own brand, led RTI to successfully design innovative components: from 2000 RTI begins in its own the first production of vibrators and actuators.

In recent years, despite the difficulties of the market and the continuous competition, RTI srl has established itself successfully in all industrial sectors, offering its customers a wide offer of solutions for any specific application requirement.

Today RTI is a well-established company, young and ambitious, which continuously invests its resources to improve the relationship with their business partners and ensure a more innovative and proactive selling offer to customers.

Sales Headquarter Office



Since 1999, our Company has its own floors building (covering about 400 m² each) in which are located sales, purchase and account offices as well as a large warehouse where over 5000 products are stocked ensuring a prompt and fast delivery.

RTI is a company with 20 young and motivated employees, who grant growth and future development of our company.

Production Plant

Since early 2015, the Management has agreed to buy a new building of about 800m² where to move all production of its own brand products.

This new investment, has allowed RTI to develop new products offering to their customers new collaborative projects.

The new technical office, together with new production machines and the new spaces, will allow RTI to expand our proposal, providing a 360° service to our customers.



Automation
Division

ACE

SVC

VMECA

RTI VIBRATORS

Motion
Division

Nidec

All for dreams
CONTROL TECHNIQUES

OMRON

RTI ACTUATORS



WITTENSTEIN

Strumentation
Division

RTI SENSORS

GEFRAN

RTI STRUMENTATION

Baumer
Passion for Sensors

RTI

Market Brands

Systems
Division

RTI MACHINES
& SYSTEMS

Process and Control
Division

RTI PROCESS
& CONTROL

RTI PRESSURE
REGULATORS

RTI VALVES

SIVIT
SOCIETÀ ITALIANA VALVOLE E AUTOMAZIONI TORINO

RTI is the ACE Importer and distributor for the Italian market

Deceleration systems, conceived as multi-hole systems, were born in America in the automotive sector through the work of ACE CONTROLS Inc. Until now the range of absorbers has increased significantly and includes over 100 models for every type of application. ACE organization employs more than 300 people worldwide, with offices and manufacturing facilities in USA, GERMANY, UK, China and Japan in addition to North America, ACE distributors are located throughout the world. RTI has begun to sell shock absorbers in the Italian market in 1982, becoming sole importer few years later in 1985.

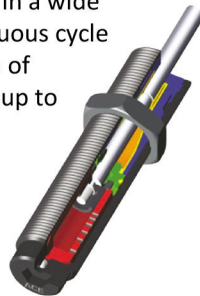


The long relationship of import, the continued work and mutual appreciation, led RTI to achieve excellent results in every industry. Today ACE is a 'company "young" and innovative and production of components has been expanded with new products in order to solve any industrial application, from motion control to the absorption of vibrations.

The proposed new ACE is divided into four distinct families of products

Shock Absorbers for automation

The dedicated accelerators for industrial automation are available in a wide dimensional range. These shock absorbers are working in a continuous cycle and can absorb a considerable energy per hour even with the use of external tanks. -Available from M5 to 4 Bore – strokes from 5mm up to 400mm with power capacity up to 126.500Nm -New systems elastomer profile damper TUBUS and SLAB damping plates: economic solutions absorbing only 50% of energy.



Products for motion control

The new gas springs "NEWTON Line" provide a soft control and reduction of mass during the opening and closing of branches, suspended loads, doors of furniture, etc.

-Body from 12 to 70mm, with strokes up to 1m -Forces from 10N to 1300N with ADJUSTING VALVE.

Wide range of hydraulic controls to adjust and stabilize the speed of movement of any movement. -Body from 12 to 70mm, with stroke up to 1m -Adjusting force up to 50,000N.

Uni and bidirectional adjustment.

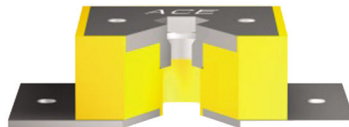


Antivibration systems

The new ACEOLATOR allow absorption of vibrations existing in every industrial process. Reducing vibrations in an industrial system means ensuring production increase and, above all, increase quality of operator's work.

Products:

- Rubber and metal systems to absorb vibration
- Antivibration plates
- Active systems for isolation of very low frequencies



Safety Products

Every movement must be controlled. When handling systems are adjusted by motors and drivers, the ACE security system preserves Your machine from control or operator accidental anomalies: the use of an ACE EMERGENCY system increases the reliability of your machine and preserves the most critical handling systems.

Products:

- Hydraulic shock absorbers with high capacity per cycle
- TUBUS Elastomeric bumpers
- Locked systems



RTI is SMC Master Distributor

SMC Corporation is synonymous with cutting-edge in the world production of pneumatic components for industrial automation.

Founded in 1959 in Japan, SMC is now present all over the world, including Europe, Asia, America and Oceania, with 230 offices in over 50 countries and 10,000 employees. SMC Corporation has been in the Italian market since 1981. SMC Japan considers SMC Italy as a flagship. SMC Italy occupies more than 350 employees in the



headquarters of Carugate (MI) and the production plant in Carsoli (AQ). The direct sales network, in addition to about 40 dealers distributed throughout the country, is the real asset of the company, both as expertise and know-how, and grants a covering and capillary assistance. Benefits of a big multinational, joined to the knowledge of local reality, always grant the best offer both in innovation and service. SMC Italy has also obtained the UNI EN ISO 9001:2000 certification.

Pneumatic Actuators

Actuators are devices for linear or rotational movement. They are driven by compressed air, through control valves.

SMC range includes:

- ISO cylinder, linear and guided actuators, slides.
- Rodless cylinders, special and standard
- Rotating actuators
- Grippers, separators and accessories.



Electric Actuators

This range includes a wide range of linear actuators, rotating and electric grippers. All actuators are equipped with their programmable controllers.

- Two different motors: servo and stepper.
- The motion transmission is performed by recirculating ball screw or belt.
- Very compact mechanical dimensions.



Air line equipments



The equipment for the air line provide the auxiliary functions for a proper work of directional control valves and actuators.

The main features are:

- Connections from M5 to 2"
- Filter elements 0.01 / 0.3 / 5/10/20 and 40 Mic.
- High flow capacity with compact dimensions
- Temperature range from -5 ° to 60 ° C
- Wide range of accessories for customized variants



Valves

Industrial valves are divided into four types:

- Process Valves
- Mechanical valves



- Pneumatic valves
- solenoid valves.

110,000 articles of this range are available.



OUR PRODUCT LINE

RTI ACTUATORS

RTI Srl built the first linear slide about 25 years ago, to handle special components in the automotive sector. Thanks to the excellent results, it was decided to immediately invest in the design of a new electric linear solution that could replace pneumatic cylinders: Now we can say that RTI is among the harbingers, in Italy, manufacturing electric actuators! The electric actuator is now a component used in various industrial applications, and, thanks to energy saving, often replaces the use of pneumatic and hydraulic actuators. Many process controls, from automotive to food, from packaging to the industry of sheet metal working, today provide solutions with RTI electric actuators.

The range includes:

- Standard Actuators with recirculating ball screw
- Standard Actuators with ACME screw
- Actuators heavy series with screws up to 63mm
- Actuators with STEPPER and brushless motor.



RTI SENSORS

For more than 15 years RTI srl produces and sells a wide range of magnetic sensors for different applications. The main use of these products is to supervise position of piston in pneumatic and hydraulic cylinders, but, in general, can be applied in all those industrial applications where control of position is required using a reed technology.



Products:

- Reed and Hall sensors
- T and Cylindrical slot sensors
- Output relay Hall Sensors for hydraulic cylinder mainly



RTI VIBRATORS

RTI Srl deals in Pneumatic Vibrators for over 20 years on the whole Italian market.

The first offers were made distributing some products of foreign brands, only later RTI started its own production, manufactured in our Turin plant. Our company now also produces INOX vibrators for the following areas: food, medical and pharmacy.

Products:

- BALL VIBRATORS
- TURBINE VIBRATORS
- ROLLER VIBRATORS

Today, thanks to new production plant together to new machines, vibrators RTI achieved a high level quality and reliability.

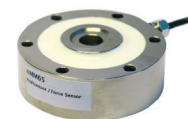


RTI STRUMENTATION

The new logo RTI STRUMENTATION identifies a series of new sensors we sell with our logo. The choice of selling specific instrumentation sensors is born to provide a complete service to our customers: no longer just the supply of single mechanical component, but a turnkey service with the offer of electronic products.

Products:

- Diffuse Sensors with LVDT technology
- Standard and special Force Sensors
- Standard and Stainless Steel 316 Ultrasonic sensors.



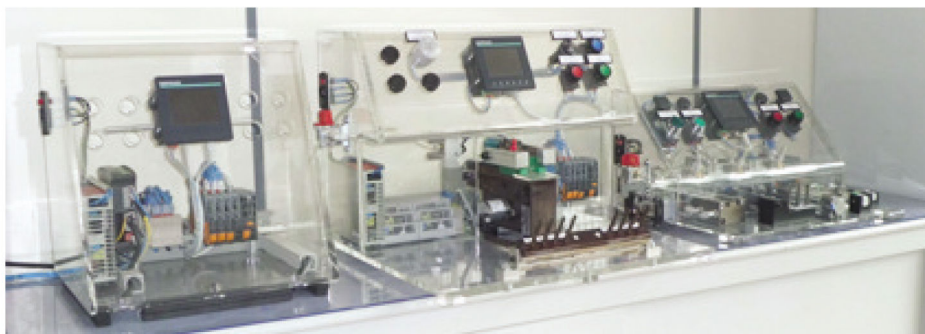


Standard and custom solutions, providing the highest levels of high competence specialist technology, as well as, support and services to users in a wide range of industrial sectors. Our quality products and known reliability, knowledge in automation and technical support, have helped our customers to meet their technical procedure.

We offer:

- TEST BENCHES
- PNEUMATIC PANELS
- EQUIPMENT ON ROBOT BOARD

Certification-documentation and drawings for each specific project



Special Products

Our experience, thanks to countless and consolidated applications, has allowed us to offer a wide range of products for automation. Contact and ask us information for your industrial applications. Our technicians will provide different solutions with specific Pneumatic, Hydraulic and Electronic Products. RTI srl is at your complete disposal: share with our staff about your industrial experiences.



This new logo RTI, identifies our will to invest our resources in new industrial sectors, different from the world of automation. For several years our company is working to develop new products for the energy market, OIL & GAS, and PHARMACEUTICAL, enlarging our business offers to new customers who, in many cases, already know our company and the use of RTI historical products.



RTI has recently become business partner for the distribution of Butterfly Valves, designed and built by Messrs. SIVIT of Turin. All Butterfly valves, standard and special, are designed according to all standards and regulations of the main markets, such as Oil & Gas, Petrochemical, Pharmaceutical and Food.

Valve Proposal:

- Automatic CENTRIC BUTTERFLY
- Automatic DOUBLE ECCENTRIC BUTTERFLY
- Automatic TRIPLE ECCENTRIC BUTTERFLY



Our company is designing and manufacturing a large range of Pressure steel Regulators for the medium and low pressure, ideal for applications in the Oil & Gas, Food and Pharmaceutical.

Product range:

- Regulators from 1/4 to 2"
- Filter regulators from 1/4 to 1"
- Piloted regulators driven from 1/4 to 2"





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