

# EVERYTHING FOR PLASTIC PIPES







| 124 | Packaging Europe





Sica SpA is a globally renowned Italian producer of downstream equipment for plastic pipes. Its wide range of products includes haul-offs, saws, belling machines, packaging machines, automation and ancillary equipment. Eugenia Fiusco talks to managing director, Ms Valeria Giacomoni, to find out more.

ICA SpA was established in 1962 by Mr Osvaldo Giacomoni, together with other shareholders, to produce aluminium fixtures. The founder, who was a surveyor, soon realised that the first company to invent an automatic machine for socketing plastic pipes would be very successful. "He realised that the possibility of creating conduits by assembling pipes would have made a huge difference in the industry and brought a rise in profits," explained Ms Valeria Giacomoni. In 1967 the first socketing machine was created and quickly became a big success in Italy and Europe. Later on, haul-offs and saws were produced to further meet market demand, and a strong focus on internationalisation and customer satisfaction became the driving force behind Sica.

# Products and applications

Today, the Italian company manufactures a range of machines including haul-off, saws, belling machines, packaging machines and auxiliary equipment. The socketing machine was soon introduced to a nearby Italian company and a fruitful collaboration started. The German market was particularly receptive to Sica's products.

"This collaboration helped us shape our business attitude, which is based on delivering high quality products, integrity and reliability," said Ms Giacomoni. "The company kept growing and today we export 95 per cent of our products to 108 countries. This is also the reason why we managed to survive during the difficult times of the economic crisis. We also

take care of the end-of-line production with our packaging machines. We believe they will be a big part of the future of the company and we are investing in their development. Sica SpA does not manufacture the extruders that are used in the production of pipes. This means that among our customers there are both extruder manufacturers and pipes manufacturers."

Sica's machines are used to process pipes with applications in agriculture, electrics and construction.

# Geographical coverage

Sica SpA is still located where the very first plant was set up in 1962; that is, in Alfonsine, in the Italian province of Ravenna. The site benefits from the fact that it is situated on a vast piece of land that can be converted into more facilities for future expansion. "Furthermore," added Ms Giacomoni, "a few years ago we opened a company in India that manufactures for the Indian market and other developing countries." She confirms that in the future the company will focus on greater specialisation in plastic pipe industry sectors rather than concentrating on new acquisitions or building sites.

"In particular, our main geographical markets are South America, Australia, Russia, eastern Europe, Turkey and Iran – even though the recent embargo has put a strain on our relations with the last," she said. "However, we believe that Iran will be one of the countries ready to invest once the situation improves."







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### Who we are

Flli Montanari D&D snc has been operating since 1961. The company specialises in made-to-order mechanical carpentry and works in partnership with machine manufacturers.

Flli Montanari D&D snc pursues a relationship of trust and open collaboration with its clients, aimed at creating the best possible synergy and becoming a valid partner in a short time. This approach allows the company to grow with its clients and to establish long-lasting relationships with them.

Thanks to the professionalism and confidentiality with which the company handles the technical information (engineering drawings), F.III Montanari D&D snc has amongst its clients other mechanical carpentry companies. This is proof of its willingness to fulfil specific needs thanks to confidentiality or exclusive contracts. Trust and consistency are the main features of our relationships with our customers. Processing speed and a high qualitative level have always been at the basis of our production philosophy. The continuous growth which has accompanied us over the years represents its natural development. When requested by our clients, we are able to carry out assembling of pneumatic or oleo dynamic systems within our company.

## Awards and prizes

We have received two awards from the Ravenna CNA. The first one, "Repertorio Imprese Eccellenti" (List of First-Class Companies) was assigned in 2009 for "relationships with clients, suppliers and managing procedures". The second prize "Laboratorio per l'Imprendorialità" (Entrepreneurial Spirit Workshop) was awarded to us in December 2012 and was aimed at companies' innovative projects, in collaboration with Florence University, Ecipar and Ravenna CNA

...In our company taking risks is fundamental. We differentiate in order to be more present on the markets and sometimes change our habits and working methods, eventually observing problems from several viewpoints in order to find targeted solutions..

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# INNOVATION AND QUALITY AT YOUR SERVICE

Founded in Taglio Corelli - Alfonsine near Ravenna in 1995, APodeschi s.r.l has become an important reality in engineering carpentry and mechanical constructions, based on customer's projects and designs.

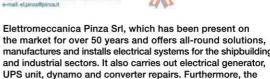
Thanks to the thirty-year experience of the owner in mechanic, the company was able to apply this in the agricultural area. We have developed innovative equipment for the automation/mechanization of the drip irrigation (thin and thick dripperlines), always more common in agriculture.

In 2008, we have taken over a company of rubber vulcanization applied in different areas, including engineering.

The constant attention to Customer needs, has always been the foundation of our philosophy.



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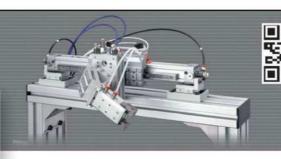
the market for over 50 years and offers all-round solutions, manufactures and installs electrical systems for the shipbuilding and industrial sectors. It also carries out electrical generator, UPS unit, dynamo and converter repairs. Furthermore, the company sells electrical generators and motors, pumps, ASC certified construction site electrical boards, special cables for shipbuilding, and other sector related materials; as well as renting out electrical generators and motor welding machines.



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- · brass and PVC connections
- flexible pipe
   mounted reduction unit filter groups or mounted valve groups
- · panels assembled on machine parts or in independent boards (with or without electric system)



# Hydraulics

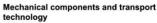
- · fixed displacement or variable displacement pumps
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- · oil filters and decontamination systems
- · air-oil and water-oil exchangers · standard and custom plates
- · miscellaneous accessories
- · mounted blocks, hydraulic power units standard and special

- · Drives and control technology
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- · Process control sensors
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- Application Engineering



# Linear movement technologies

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- Motion and Control multi-axis systems



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PMA constructs and distributes direct ISO 6431 UNIVER cylinders, special cylinders, rotating shaft cyclinders and cylinders in conformance with CNOMO specifications. The company is also an authorised dealer for the complete range of UNIVER products in the zone.

The range of PMA products and services includes:

- o special pneumatic cylinders carried out to customer specifications
- o cylinders in conformance with CNOMO, specifications
- o pneumatic cylinders with non-rotating rod
- o mechanical safety blocks for rods measuring 6-16mm, rotating shaft pneumatic cylinders olso 6432 pneumatic micro-cylinders, pneumatic micro-cylinders (tie-rod version)
- o guide units compatible with the full range of pneumatic cylinders
- o intelligent pneumatic cylinders, miniaturised powerful electro pilots
- o ISO electro-distributors for base, manual valves, miniaturised distributors
- o pneumatic accessories, push-on and rapid couplings

- o ISO 6431 and VDMA 24562 pneumatic cylinders in drawn aluminium
- o air-hydraulic cylinders with 1 or 2 pilot parts
- o short stroke pneumatic cylinders, pneumatic cylinders without rod
- o Reducer Lubricator Manometer filter groups, pneumatic driven guns
- o obturator air and vacuum valves, threaded distributors
- o miniaturised line limits, pneumatic and electric pedals, axled manipulators
- o mechanical machining, cylinder revision (with guarantee)







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# APO FLUID FORCE

APO FLUID FORCE, standing out for its reliability and competence, comes from a long tradition in the distribution & in the engineering. It's located in the region of Emilia Romagna, easily accessible location from Italian motorways

It was founded in 1970 and became a BOSCH supplier in 1980. Its core business consists in the provision of customised and integrated solutions in accordance with customers' projects.

It's now in its second generation of business and it's specialised in the distribution and supply of industrial production and automation, fluid control and technologies of transport.

The two production & distribution plants, which total surface values around 5600 square meters, are located in Bologna and Parma and are equipped with assembly departments dedicated to the assembly of pneumatic panels, hydraulic power units and transport lines, by employing highly specialised labour under a well-supplied stock.

The main sectors are: food & packaging machinery, printing machinery, assembly / handling equipment, tools, automotive, marine / offshore, plastic machinery, steel presses, machine testing, recycling machinery, ceramic machinery, filling medical, woodworking, suction systems, automation in general, textile machines, dry cleaning and agriculture.

The Corporate Mission is to support design end customers' projects by sharing competence and experience.

The company particularly values the cooperation of its neighbouring suppliers. "In the surrounding area, there are a few loyal suppliers who have been with us since the beginning and therefore know our product and how we work very well," commented Ms Giacomoni. "They are partners and Sica relies on the quality of their collaboration in order to be successful."

# **Future goals**

Sica SpA is devoted to research and developing new solutions in order to boost the profitability of its customers whilst working actively to safeguard the environment. "We are

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- Pneumatic cylinders with non-rotating rod,
- Short stroke pneumatic cylinders, pneumatic cylinders without rod,
- Mechanical safety blocks for rods measuring 06 to 16 mm, rotating shaft pneumatic cylinders,
- ISO 6432 pneumatic micro-cylinders, pneumatic micro-cylinders (tie-rod version),
- Guide units compatible with the full range of pneumatic cylinders,
- Reducer Lubricator Manometer filter groups, pneumatic driven guns,
- Intelligent pneumatic cylinders, miniaturized powerful electro pilots, Obturator air and vacuum valves, threaded distributors,
- ISO electro-distributors for base, manual valves, miniaturized distributors,
- Miniaturized line limits, pneumatic and electric pedals, axled manipulators,
- Pneumatic accessories, push-on and rapid couplings,
- Mechanical machining, cylinder revision (with guarantee).

focusing on developing a new technology that helps this process by saving raw and scrap materials, eliminating recycling, reducing energy and maintenance costs and ensuring a clean and noiseless environment," said Ms Giacomoni.

"Moreover, we intend to invest in the area that we believe is lacking in our industry at the moment, which is end packaging." Sica SpA is also working on an economy line for the supply of machines to those market sectors that require a lower level of productivity.

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