



MARKING THE WORLD FROM 1948



MACHINERY AND SYSTEMS FOR MARKING



OVER OUR INITIAL VISION

In the 40th, Mr Barcion's idea was that all needed marking and all were Automator's potential clients.

It was difficult to convince them of the necessity of performing a new, additional industrial process into their production operations.

It was difficult to explain them the advantages of marking, and consequently, the positiveness of this investment.

After 62 years, our vision is the same, but with now more experience and thousands of clients using Automator systems.

MARKING...WHY?

Marking, engraving, codifying are the usual words to indicate the industrial process for identifying a product.

One of our maxims is "If You are proud of Your product , show Your name on it "

The article part number, the manufacturer name, the company logo, the serial number, the production and expiring date, the lot and internal identifying codes can be marked on the product itself indelibly.

Besides the aesthetic and tracking reasons, marking is necessary in respect of the national and international laws.

Weapons, for instance, must be marked by law with the name of the manufacturer, the serial number and its calibre, with the "final inspection test" code of the national proof bench.

A car, by law, must be identifiable through the chassis and motor number.

Even a medicine is marked with the

production lot and the expiring date both on the box and the blister.

In all these cases the marking is necessary and indelible.

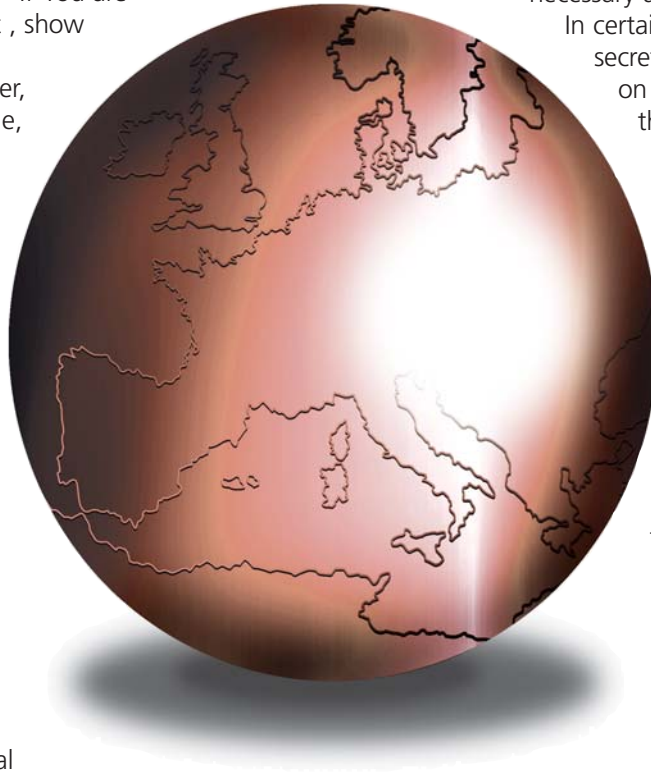
In certain market sectors, a secret code, marked directly on the product, identifies the date, the lot, the production line and any other data that can help the manufacturer to check the warranty limitations.

Recently even Iso and Visual laws require the possibility of codifying and tracking the product, during the manufacturing process and the final test, for the customers' warranty.

Finally marking is required by aesthetic and advertising reasons.

You can not think of a screwdriver without the logo of its manufacturer, or a ruler without the scale.

Automator International is the "undisputed leader" world wide in the production and distribution of marking systems.



WHY TAKING CARE OF MARKING ?

The quality of a product is reflected even into marking.

A confused and unintelligible marking makes you think of a poor quality product.

Automator is at the clients' disposal for suggesting the most suitable technical solution for the product, with the aim of a beautiful and useful marking.

Here are Automator different technologies :

- 1) impact marking is quick , precise and low cost
- 2) rolling marking is fast, low cost , perfectly uniform and deep
- 3) single pin marking is fast and versatile in the programming
- 4) multi pin marking is very fast and versatile in the programming
- 5) laser marking is very fast and beautiful , neat and versatile
- 6) hot marking is low cost and good looking on organic materials
- 7) electrochemical marking is good looking for small lots



Marking watches
Swiss watch-maker

Automator systems can be used on production lines with very fast production rates, 24 hours on 24. Even in these conditions, Automator machineries can last long thanks to the quality of their components and the capillary after sale service.



Zoom on the marking operation
of the watch component



aprilia



Marco Melandri - Campionato del Mondo 2000 - Classe 250 cc

BEYOND MARKETING ITS TH



Zoom on Aprilia chassis marking

MARKING AS SYNONIMOUS OF MARKETING

All marketing campaigns are based on the first, fundamental rule of "advertising the name".

The name and the logo, well marked, must be shown on the product proudly.

The second marketing rule is: "If You mark badly, it's better not to mark at all."

Marking is aesthetic: a bad marking makes You think of a poor quality of the product.

Marking is a warranty: it identifies the manufacturer, the distributor and the production date.



Aprilia RVS Mille R with a computerised marking on the chassis-

All over the world there are thousand and thousands clients using Automator marking systems : from small companies to multinationals with international branches.

AND THE SUCCESS OF MARKING, MEASURED BY THE RESULTS

They have one point in common :
the need of making and identifying
their product, in a marketing optic.

Brembo® break disk.



Range of break disks of high performances Brembo®.



MANUFACTURING PROCESSES, CERTIFIED BY THREE AUTHORITIES

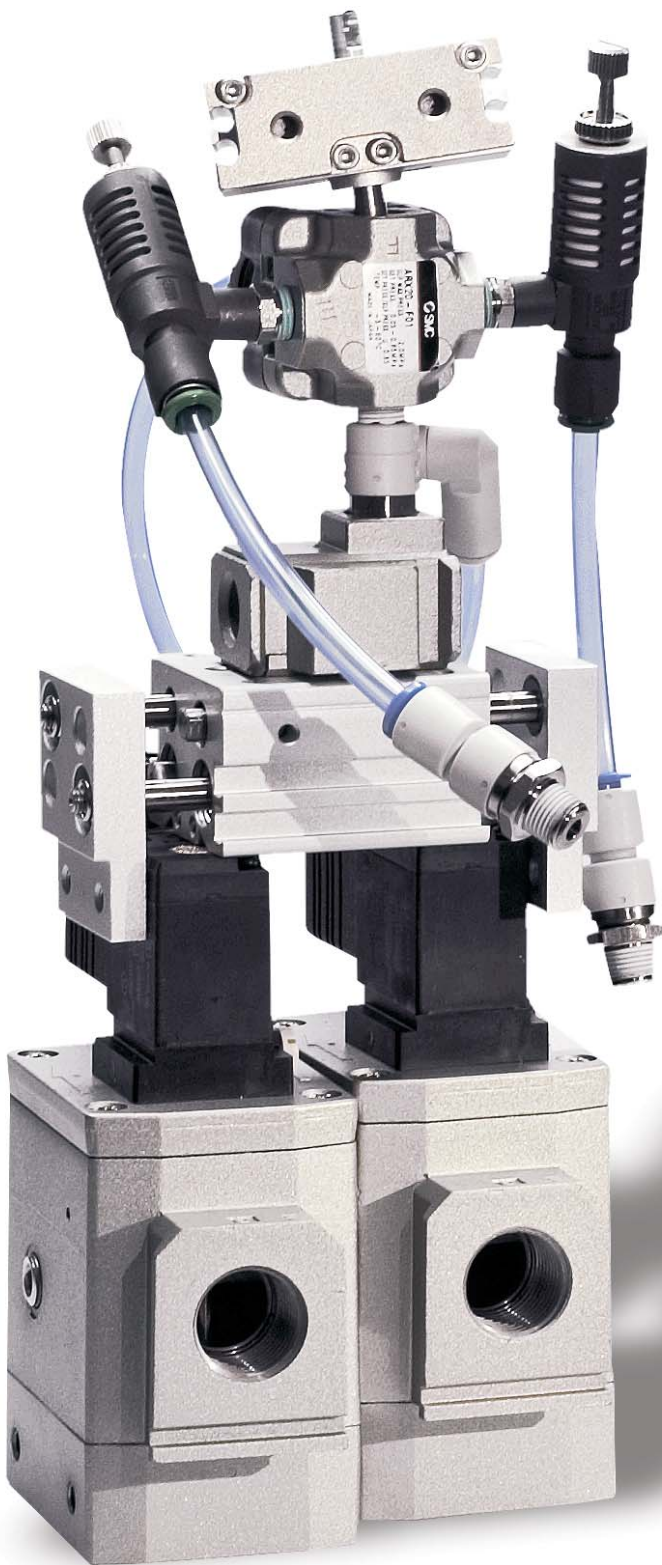


Marking a cylinder with a laser system

Since years Automator takes care of both its manufacturing and commercial processes to grant the clients the maximum seriousness on the machines' security and the maximum quality of the components.

Thanks to the reliable application of the quality process on manufacturing and the planned staff training, Automator has been certified as UNI EN ISO 9001:2000 by the Italian authority ICIM and the European authority IQNET. Besides these, after long exams and tests UCIMU – the Italian Manufacturer of Machine Tool Union – has authorised Automator to use its trademark.





Born before the Second World War thanks to Mr Maurizio Barcilon's idea, Automator International (initially "L'Automator by Maurizio Barcilon", then "Automator Italia") has matured a great capacity and a long experience in marking, not only in Italy, but all over the world. With many international branches, Automator serves over 60 countries through a capillary sales net-work, specialized exclusively in marking. From Argentina to Japan, from Scandinavia to Australia Automator is very well known for quality, experience, knowledge, technology and service.

Pia Hansen (Swe)
Olimpic champion (Gold Medal) in Sydney 2000 in Double Trap Ladies.



BEYOND 55 YEARS OF EXPERIENCE ON YOUR SERVICE



Zoom on marking
Trap calibre 12.



Beretta rifle for competition Mod. S682 GOLD E - Double Trap.



BEYOND "225 DIFFERENT CATEGORIES OF CLIENTS": A SOLUTION FOR EACH NEED

Each client is totally different one from another, even if they share the same market. Kind of marking, character height and width, marking depth and surface, hardening of the material, marking speed are some of the variables we have to face each day to offer the best marking solution to each client. What's more, Automator International serves more than 225 different marketing categories: from arms to airplanes and trucks, from subaqueous devices to break disks, from motorcycles to ingots.

To give the most professional marking advices, Automator International has to have the best product knowledge, both of its technical characteristics and its marking necessities

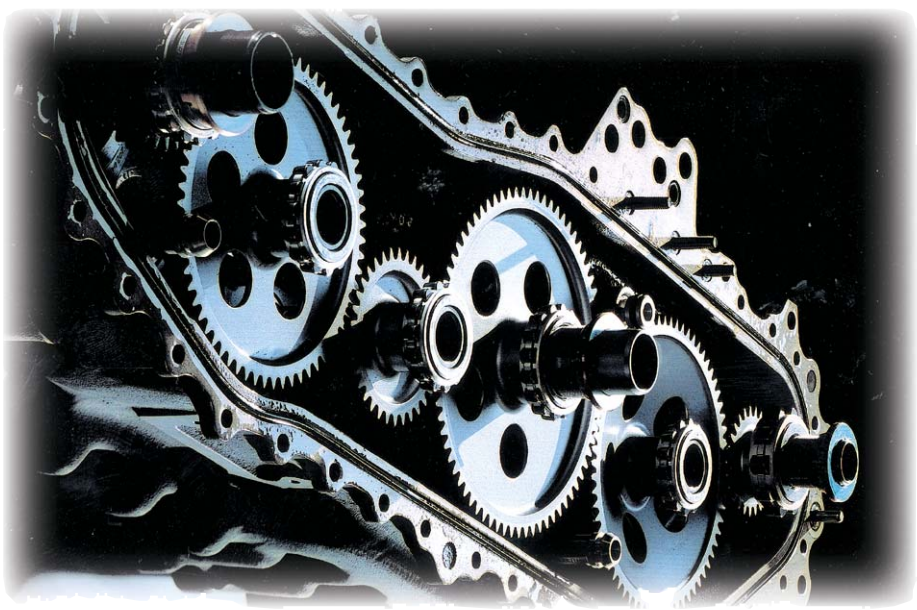
For instance, in automotive, a car can show thousands of markings: each components, from the car key to the chassis, is codified with different techniques according to the material, the data, the following industrial processes.

mares®
just add water



First Stage Output Mares model "abyss dfc" with a computerized pin marking of the serial number and an impact marking on the high pressure connection (HP).

Automator



Gear box T700 for NH90 helicopter



BEYOND 150 DIFFERENT SYSTEMS TO MEET ANY POSSIBLE MARKING REQUEST ...

Many and different are the client's requests of marking : here the necessity of manufacturing a wide range (more than 150) different machines to give the best marking solution to the client's needs. A marking problem on oil valves or on gold rings can not be solved with the same system . from impact mechanical machines to rolling

machines, from sand blast machines to systems for marking tags, from computerized single or multi pins to electrochemical and Yag and Co2 laser systems.

To complete the range, Automator International offers all the necessary accessories, such as types, numbering heads, cliché, supports...).

Automator International has a department for projecting and realising special applications, according to the client's requests.



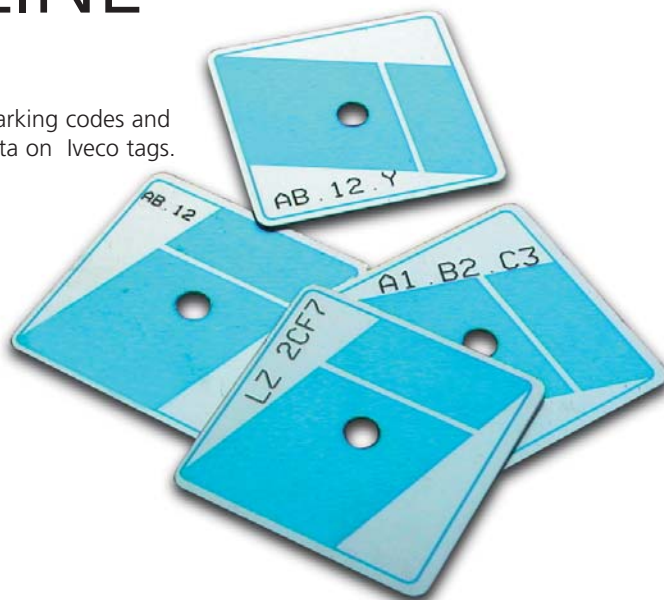
BEYOND ALL, A PERFECT INTEGRATION IN THE PRODUCTION LINE

All Automator systems can be used as bench, stand alone machines or can be integrated into automatic production lines. Most of the models can be interfaced with a PLC or a Host computer.



Marking a serial number on the cylinder block with a computerized system .

Marking codes and data on Iveco tags.



IVECO



MACCHINE E SISTEMI PER MARCARE

IMPACT MARKING

Impact and roller marking machines available as manual, pneumatic, electro-pneumatic models for permanent marking

HOT MARKING

Hot marking for products such as leather, plastic, paper, wood, cloth, with or without colour

MULTIDOT MARKING

Highly sophisticated and very fast computerised systems

SINGLEDOT MARKING

Versatile and technologically advanced systems for marking text or logos in an arc, angle, or straight line, via a PC

READING AND TRACKING

Reading via a camera and processing of the matrix OCR computerised marking

TAG MARKING

Wide range of manual and computerised systems

LASER MARKING

Laser systems using Nd Yag lamp, Diode or CO₂ source to mark any material and shape

ELECTRO-CHEMICAL MARKING

Etching process for permanent identification of metal surfaces through an engraved stencil

HYDRAULIC MARKING

Hydraulic systems to mark steel chassis, bars, railings, beams

DRAG MARKING

Computerised drag marking machines to mark by "scratching" the surface, without causing any deformation or noise

SPECIAL APPLICATIONS

Project and realisation of special systems for marking, identifying, tracking

READING AND DECODIFICATION



Datamatrix code

Automator International thanks the following companies and authorities for allowing the advertising of their photos and logos in this catalogue.

Patek Philippe - Geneve

Aprilia S.p.A.

SMC Italia S.p.A.

Brembo S.p.A.

General Command of the Military Air Force

Fiat Avio S.p.A.

HTM Sport S.p.A.

Iveco S.p.A.

Pietro Beretta S.p.A.



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AUTOMATOR INTERNATIONAL s.r.l.
Via Meucci, 8 - 20094 Corsico (MI) Italy • Tel. +39-0248601445 r.a. • Fax +39-0248601503
info@automator.com - www.automator.com