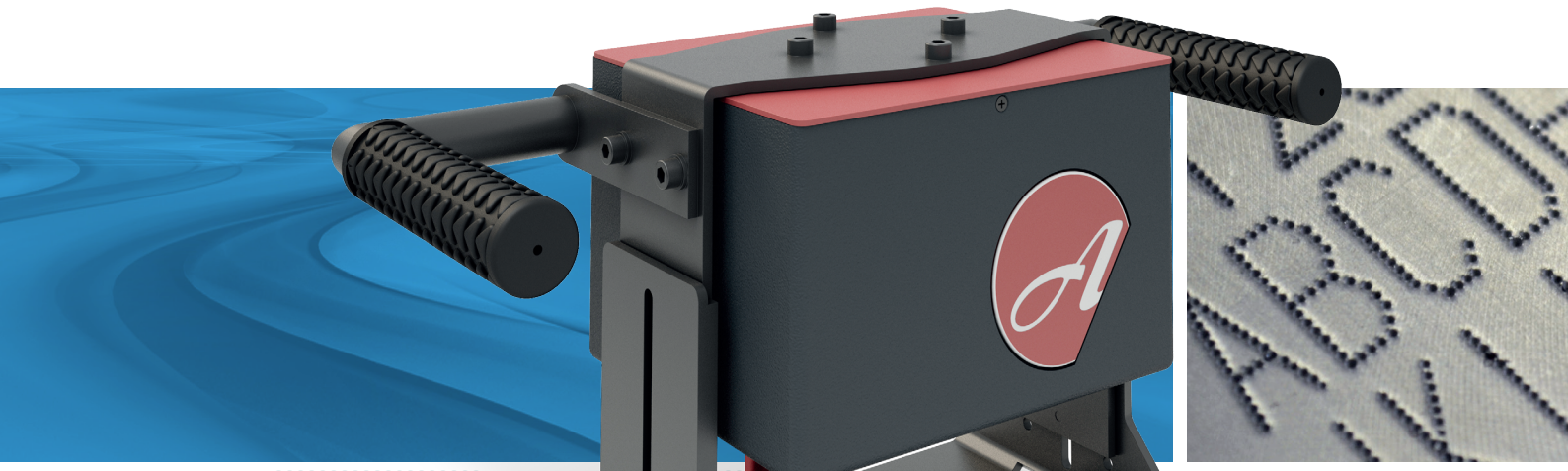
Automator



# DOT PEEN

MARKING

# 1940 | OGGI

1940-2020

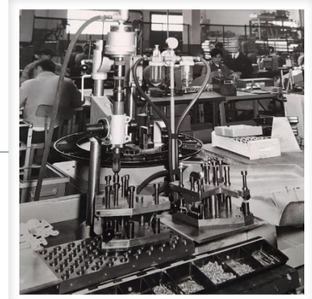
**Automator provides quality designs, world class production and sales of industrial marking machines and systems worldwide since 1940.**
In 2020, Automator celebrated its 80th year in business. This means 80 years of knowledge in International Industrial Production in all market segments and all product marking applications! 80 years in satisfying customers with excellent pre and after-sales support! 80 years in Research & Development for machine innovation. With emphasis on inventing new technologies, improving existing technlogies, and contributing year after year to push the whole industrial part marking sector towards new goals and new horizons.

Since its early years, **Automator** has always focused on industrial marking. Always imagining, planning and providing the most advanced technologies for this industry.

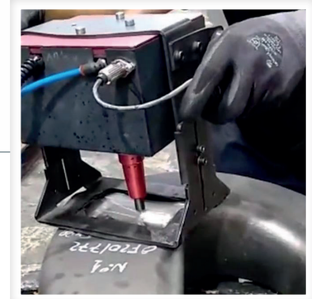
## AUTOMATOR: BRINGING THE FUTURE TO THE INDUSTRIAL MARKING SEGMENT




**1940 - 1950**
MECHANICAL MACHINES



**1960 - 1970**
PNEUMATIC AND ELECTRIC-PNEUMATIC IMPACT MACHINES



**1980**
DOT PEEN ELECTRONIC MARKERS




**2000**
LASER MARKER

## How can one of our customers benefit from our 80 years of experience?

- 80 years in business means we have an extensive **KNOWLEDGE** of marking applications in all market segments and all related industries.
- 80 years in business means a huge **EXPERTISE** in pre-sales activities, especially for understanding customer needs and the ability to help qualify the solution best suited for the job.
- 80 years in business means that all Automator products are the result of **CONTINUOUS IMPROVEMENTS**, technological stratification, upgrades and innovation.
- 80 years in business means a huge **EXPERTISE** in after-sales activities, such as education and support.
- 80 years in business means **STABILITY**! Automator will always be beside you, helping you in all your marking needs!

## Our technologies

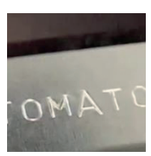
**Automator Marking Systems** provides all industrial marking technologies, Traditional mechanical machines, pneumatic or electric-pneumatic Impact, Roll Marking, Hot Marking, and state-of-the-art technologies for Laser, Dot Peen and Scribe Marking.



LASER MARKING



DOT PEEN MARKING



IMPACT MARKING



SCRIBE MARKING



ROLL MARKING




HOT FOIL MARKING




CHEM ETCH MARKING

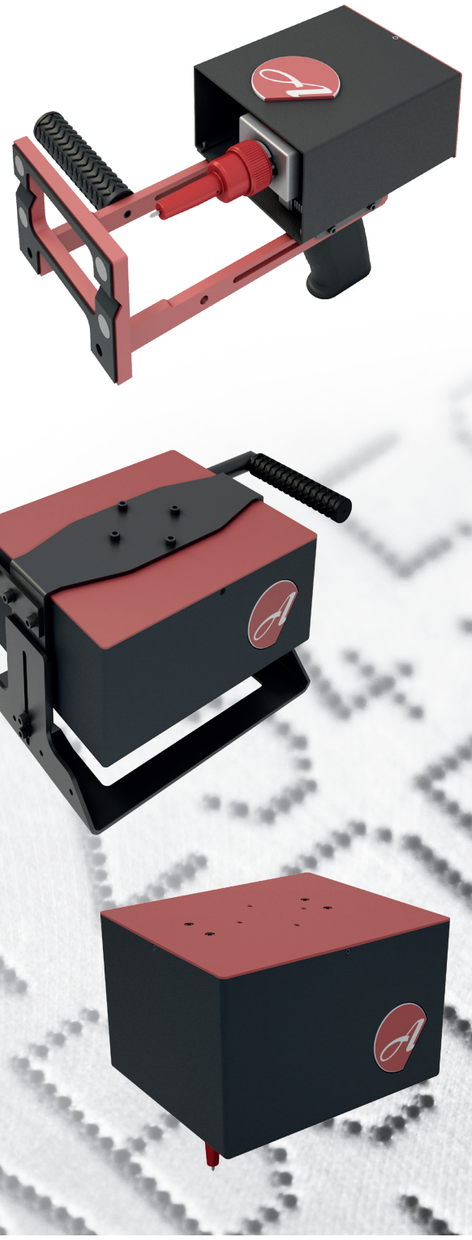
# FLAWLESS RESULTS ON ALL MATERIALS

## ALL KINDS OF DOT PEEN MARKERS, FOR ALL CLIENTS NEEDS

Compact devices and systems for bench, portable or integration applications. Whether it is a dot peen controlled or Vibro application, features like speed and depth allow to mark on different materials such as metals, hard plastics, alloys, burnished metals, anodized, painted, wood, paper or even glass. Our dot peen markers are the easiest to use thanks to our proprietary software with a super-flexible interface, that allows an absolute graphic freedom merit: the management of serial numbers, geometric figures, fixed or variable texts, logos, Datamatrix and QR codes in various formats.

All Automator dot peen marking systems and software are managed by our innovative AC 500 universal controller with a 7" touch screen display: easy to install and use, allows the operator to work with simplicity and speed, even without knowledge specifics of drawing or design programs.

It is also possible to create programs on PC, which can be easily transferred to the AC500 controller via USB connection.



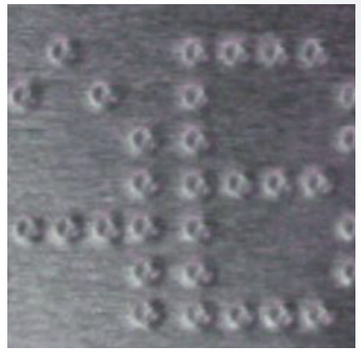
## HOW TO CHOOSE THE PERFECT DOT PEEN SOLUTION?

There are two main criteria for choosing:
the desired result and the most suitable marking area.

The result depends on the type of marking: Automator dot peen markers allow you to carry out marking in a controlled dot, vibrated dot, in pneumatic or electric mode, on the surface or in depth.



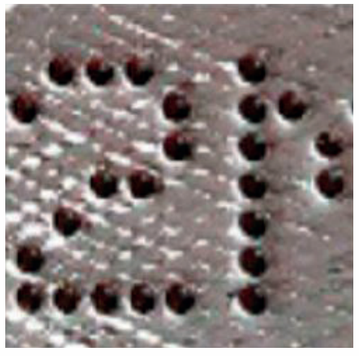
**VIBRATING DOT PEEN**
Characters are marked with a small pin while vibrating. Highly recommended for fast marking with very high quality needs.



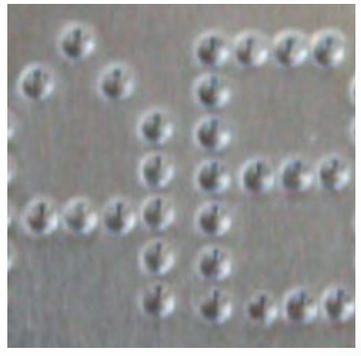
**ELECTRIC DOT PEEN**
The pin is moved electrically by drive and return electric spring solenoid. Air not required. Recommended for high quality needs.



**PNEUMATIC DOT PEEN**
The Pin is moved automatically by opening and closing the drive and return air. Recommended for marking on irregular and rough surfaces.



**DEEP DOT PEEN**
The Air Solenoid has an increased capacity. Specialized pins are required for deep markings on the most resistant materials.



**CONTROLLED DOT PEEN**
Font characters are created with possibility to specify the density of the dots to be marked from 0 to 80 pixel/cm. Recommended for deep marking.



**SCRIBE MARKING**
Markings are made by striking the surface and removing the material for deep and silent marking.

### AUTOMATOR IS CERTIFIED:

**CISQ**
ITALIAN CERTIFICATION OF COMPANY QUALITY SYSTEMS

**ISO 9001**
**IQ NET 2768/5**

**MANAGEMENT SERVICE ISO 9001/2008**
**ICIM (2768/5)**

### AUTOMATOR IS A MEMBER OF:

**UCIMU**
ITALIAN ASSOCIATION OF MACHINE TOOLS MANUFACTURERS

**AIDAM**
ITALIAN ASSOCIATION OF AUTOMATION AND MECHATRONICS

# AC500

## DOT PEEN AND SCRIBE UNIVERSAL CONTROLLER:

- External power supply
- Lines, circles, arcs
- Serial numbers and codes
- TTF fonts available
- USB port
- More than 40 languages available
- Motorized Theta and Z axis
- Memory display




- Multilanguage virtual keyboard
- 7" colours touchscreen
- Printer connection available
- Upload /download files
- QR codes and Data Matrix
- I/O signals
- Alarms history
- 64 MB flash memory
- External reader
- Importable DXF-BMP files
- Remote and programmed assistance

Standard certifications for UE (CE), USA (International Technology Equipment Safety part 1: general requirements, 609501) and Canada (International Technology Equipment Safety part 1: general requirements Amendment 1:2011, Amd. 2: 2014, CSA C22.2#60950-1)

IEC 60950-1 · CSA C22.2 60950-1 · CE · c ETL us Intertek

OPTIONAL EXTERNAL COMMUNICATIONS:

CANopen PROTOCOL STACK · CC-Link · PROFIBUS® · PROFINET® · Modbus · EtherNet/IP™ · DeviceNet™

Names and brands of these protocols are patented.

### COMPLETE, UNIVERSAL AND FULL OPTIONAL.

The AC500 controller can work with a PC or in stand-alone mode, thanks to our MarkAlone™ technology.
The 7" touch screen makes the software easier to activate and use. For the first time, marking is designed for being easy and immediate.

### AN ACTUALLY UNIVERSAL CONTROLLER

DATABASE

A complete **Machines database** of configurations for all marking heads makes our AC500 control perfect for driving almost all dot peen machines on the market, have a try!

### CREATE YOUR OWN FONT

FONT CREATOR

Discover our **Font creator**!
The software application for AC500 that allows you to create matrix and vector fonts from scratch.
Intuitive and easy to use.




## NEED MORE? DISCOVER THE AUTOMATOR STORE!

A place foe buying and downloading Apps for additional features, including:

- Management of our software from the network
- Enabling for industrial communication protocols
- Customization of the AC500 software
- Activation of multiple dot marking mode for deeper or more defines markings on metals

### MATRIX MULTIPLE MARKINGS

Allows to mark multiple objects in series on a pallet.

### OPTIONAL EXTERNAL AXIS

Up to 32 external optional axis available.

### RESIDUAL MEMORY

It displays the memory still available and the one already used.

### IMPORTABLE/EXPORTABLE DXF, BMP FILES

Upload and download graphic files to create markings from them.

### SERIAL NUMBERS AND AUTOMATIC USERS FLAG CODES

Automatic flag codes including serial numbers, daters, shifts, etc ...

### DATAMATRIX, QR CODE AND GS1

Possibility of marking 2D codes (QR and Datamatrix) and GS1 for components traceability.

### ALARMS AND USERS LOGS HISTORY

It records all errors that occurred during the use of the machine and the accesses of different operators.

### VIRTUAL KEYBOARDS

They can be displayed and used to creates text to be marked. In different languages.

### REMOTE SUPPORT AND PROGRAMMES SCHEDULED MAINTENANCE

It allows our technicians to assist your operators in remote sessions and to schedule any programmed maintenance.

### SOFTWARE E FIRMWARE BACKUP AND UPDATES

Automatic and scheduled updates, as well as restore backups of files, settings and settings.

### FULL CONNECTIVITY

- I/O
- RS232
- Ethernet PC / TPC / IP
- Fieldbus, Modbus
- Bluethoot, Canopen, CClink

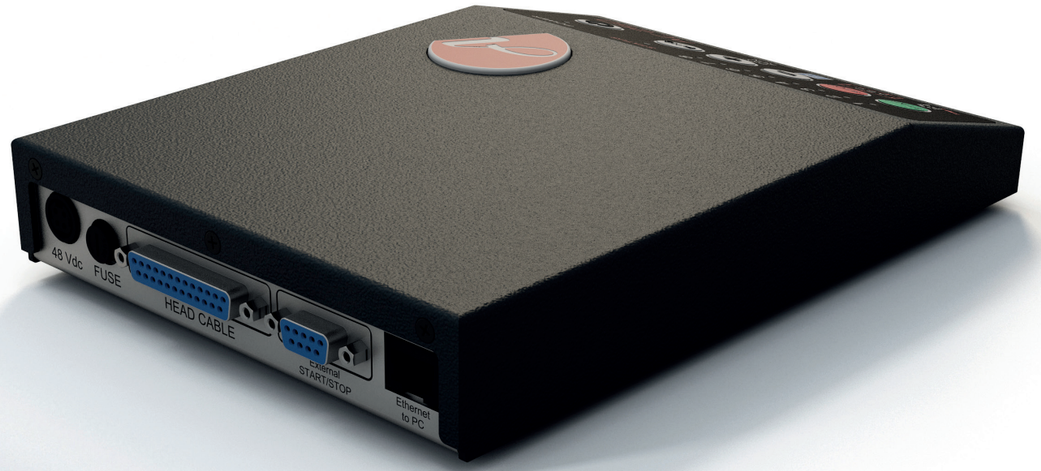
### OPTIONAL EXTERNAL COMMUNICATIONS

- Bluethoot
- CANopen
- CC-Link
- Profibus
- Profinet
- Modbus
- Ethernet/IP
- DEviceNet

# AC250

## DOT PEEN CONTROLLER




- External power supply
- Lines, circles, arcs
- Serial numbers and codes
- TTF fonts available
- USB port
- More than 40 languages available
- Ethernet cable PC connections
- Arcs

- Ethernet I/O
- Head connection cable
- QR codes and Data Matrix
- I/O signals
- RS232
- 64 MB flash memory
- Fuse
- Importable DXF-BMP files

### UNIVERSAL AND COST EFFECTIVE

The AC250 controller can work with a PC or in astand-alone mode with our MarkAlone™ technology. It can manage up to 8 programs.

Standard certifications for UE (CE), USA (International Technology Equipment Safety part 1: general requirements, 609501) and Canada (International Technology Equipment Safety part 1: general requirements Amendment 1:2011, Amd. 2: 2014, CSA C22.2#60950-1).

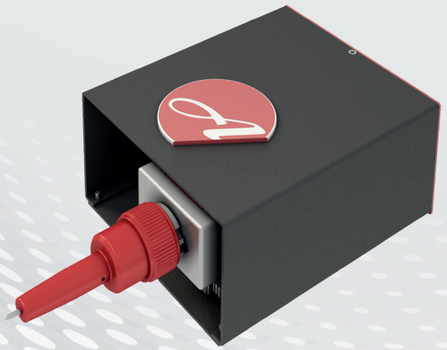
IEC 60950-1 CSA C22.2 60950-1 CE

MARKING AREA: **25X60 mm**

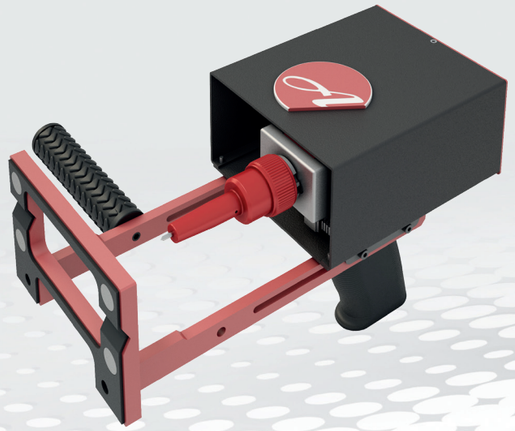
# ADP 2560

**Dot peen marking on anodized aluminium, burnished metals, cardboards, ceramic, ebony, wood, metals and alloys, hard plastic, polycarbonate, silicon, painted materials, and glass.**

Thanks to the very versatile software and the available I / O signals, the ADP model is particularly suitable for industrial integrations, network systems, data customization and production controls.



FOR INTEGRATION



PORTABLE

## OPTIONAL:

- Base and column available for use in the "benchtop" version.
- Standard height 500 mm.
- Other heights available upon request



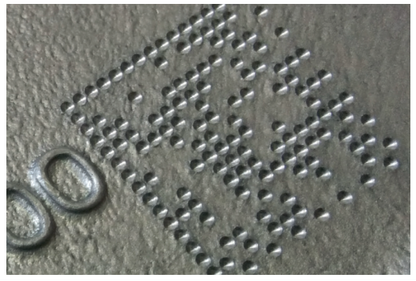
## TWO UNIVERSAL CONTROLLERS AVAILABLE:

- AC500 7 "color graphic touch screen with talking icons
- Ethernet, RS232-485, Usb, I / O connections
- AC250 basic version, with connection to PC or stand-alone up to 8 programs

## USER FRIENDLY MULTILINGUAL SOFTWARE:

- Management of serial numbers, texts, basic geometric figures, shift and date codes in various formats
- TTF font, 5 × 7 - 7 × 11 - 11 × 16 dot font, OCRA - OCRB, file upload / download, import
- Dxf - Bmp, Query in txt and Csv, Datamatrix and QRcode, scheduled maintenance
- Remote maintenance, 64MB internal hard memory





| AVAILABLE PINS | |
|---|---|
| Vibrated dot | 3 mm<br>4 mm |
| Controlled dot | 3 mm<br>3 mm XL<br>3 mm stroke + 20 mm<br>6 mm<br>6 mm XL |
| Vibrated dot cartridge | 3 mm with spring<br>4 mm with spring |
| Cartridge controlled dot | 3 mm<br>3 mm stroke + 20 mm<br>6 mm<br>12 mm |

## DOT PEEN MARKING SYSTEM WITH:

- Pneumatic pin with spring return, and electric pin with solenoid
- Marking version with controlled dot for deep and fast marking or vibrating dot for fast and high quality marking
- 6 different standard pins available for the CONTROLLED DOT version
- 2 different standard pins for the VIBRATING version
- 1 electric pin

| ADP2560 - FOR INTEGRATION | |
|---|---|
| Dimension | 126x174.5x80 mm |
| Weight | 3 Kg |
| Material | Glass<br>Plastic<br>Metals<br>Anodized<br>Painted<br>Paper / Cardboard |
| Certifications | ISO 9001, ISO 45100 |

| ADP2560P - PORTABLE | |
|---|---|
| Dimension | 115x350x216 mm |
| Weight | 3,4 Kg |
| Material | Plastic<br>Metals<br>Other materials |
| Certifications | ISO 9001 |

| ADP2560B - BENCHTOP | |
|---|---|
| Dimension | 409x618x315 mm |
| Weight | 23 Kg |
| Material | Plastic<br>Metals<br>Gold / Silver / Palladium<br>Other materials |
| Certifications | ISO 9001 |

# ADP 2560BA





## FREEDOM OF ACTION

Automator ADP2560 BA is the new Automator's battery-powered portable dot peen machine for marking all metal surfaces in any wireless working environment with no connections to external controllers. Perfect for marking larger components or inside construction sites and outdoor spaces. Fast, powerful, reliable.

## CONTROLLER INTEGRATED IN THE MACHINE:

Integrated controller with 4" touch screen that allows you to easily operate without the need for connection cables with external units.




## USER FRIENDLY MULTILINGUAL SOFTWARE:

- Management of serial numbers, texts, basic geometric figures, shift and date codes in various formats
- TTF font, 5 × 7 - 7 × 11 - 11 × 16 dot font, OCRA - OCRB, file upload / download, import
- Dxf - Bmp, Query in txt and Csv, Datamatrix and QRcode, scheduled maintenance
- Remote maintenance, 64MB internal hard memory

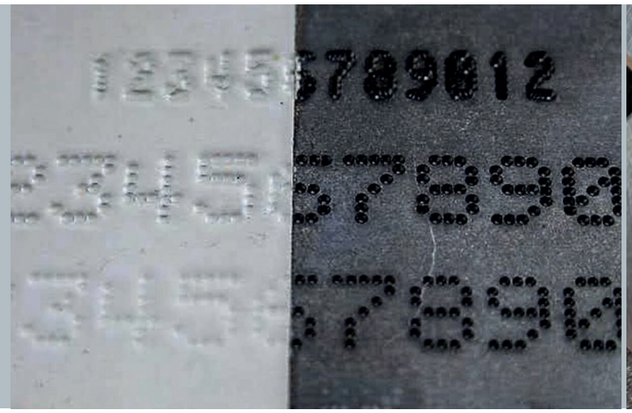
| AVAILABLE PINS | |
|---|---|
| Vibrated dot | 4 mm |

| BATTERIES | |
|---|---|
| Batteries type | 8 V |
| Charging time | 90 minutes |
| Autonomy | 2 to 24 hours, depending by the usage |

## DOT PEEN MARKING SYSTEM WITH:

- Electric pin without the need for cables or compressed air
- Controlled dot mode for deep and precise markings
- Marking tip easy manual setting
- Pair of 18V batteries, with fast charging
- Set of optional standoffs to facilitate marking operations

| ADP2560 BA | |
|---|---|
| Dimension | 136x266x304 mm |
| Weight | 3 Kg |
| Material | Glass<br>Plastic<br>Metals<br>Anodized<br>Painted<br>Paper / Cardboard |
| Certifications | ISO 9001, ISO 45100 |





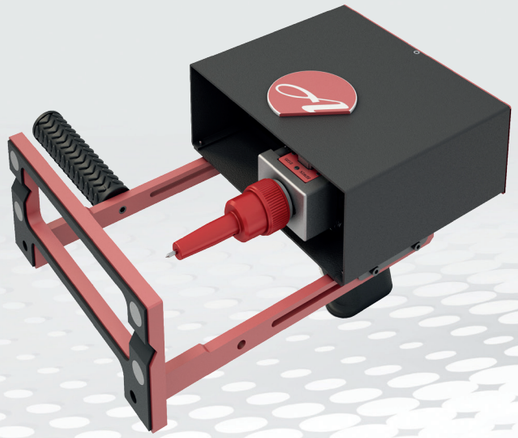
# ADP 25120

**Dot peen marking on anodized aluminium, burnished metals, cardboards, ceramic, ebony, wood, metals and alloys, hard plastic, polycarbonate, silicon, painted materials, and glass.**

Thanks to the very versatile software and the available I / O signals, the ADP model is particularly suitable for the industrial integration, network systems, data customization and production controls.



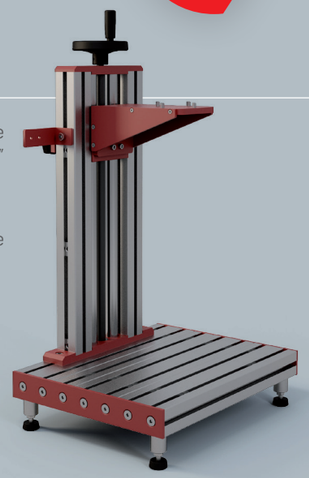
FOR INTEGRATION



PORTABLE

## OPTIONAL:

- Base and column available for use in the "benchtop" version.
- Standard height 500 mm.
- Other heights available upon request

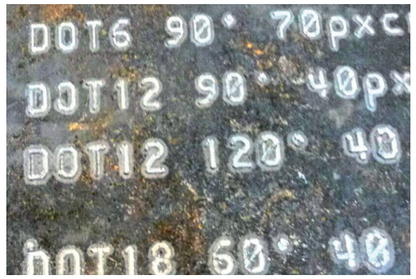


## TWO UNIVERSAL CONTROLLERS AVAILABLE:

- AC500 7 "color graphic touch screen with talking icons; AC250 basic version
- Ethernet, RS232-485, Usb, I / O connections
- Working mode with vibrated dot for high quality markings or with controlled dot for deep markings

## USER FRIENDLY MULTILINGUAL SOFTWARE:

- Management of serial numbers, texts, basic geometric figures, shift and date codes in various formats
- TTF font, 5 × 7 - 7 × 11 - 11 × 16 dot font, OCRA - OCRB, file upload / download, import
- Dxf - Bmp, Query in txt and Csv, Datamatrix and QRcode, scheduled maintenance
- Remote maintenance, 64MB internal hard memory







| AVAILABLE PINS | |
|---|---|
| Vibrated dot | 3 mm<br>4 mm |
| Controlled dot | 3 mm<br>3 mm XL<br>3 mm stroke + 20 mm<br>6 mm<br>6 mm XL |
| Vibrated dot cartridge | 3 mm with spring<br>4 mm with spring |
| Cartridge controlled dot | 3 mm<br>3 mm stroke + 20 mm<br>6 mm<br>12 mm |

## DOT PEEN MARKING SYSTEM WITH:

- Pneumatic pin with spring return, and electric pin with solenoid
- Marking version with controlled dot for deep and fast marking or vibrating dot for fast and high quality marking
- 6 different standard pins available for the CONTROLLED DOT version
- 2 different standard pins for the VIBRATING version
- 1 electric pin

| ADP25120 - FOR INTEGRATION | |
|---|---|
| Dimension | 199x174.5x80 mm |
| Weight | 4 Kg |
| Material | Glass<br>Plastic<br>Metals<br>Anodized<br>Painted<br>Other materials |
| Certifications | ISO 9001 |

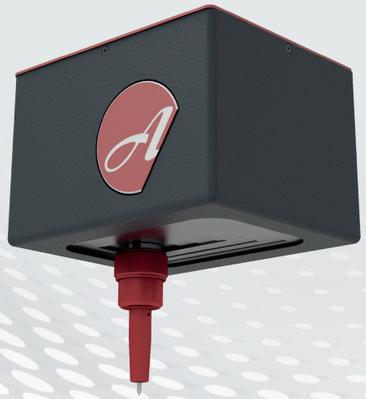
| ADP25120P - PORTABLE | |
|---|---|
| Dimension | 198x322x216 mm |
| Weight | 4,4 Kg |
| Material | Plastic<br>Metals<br>Painted<br>Other materials |
| Certifications | ISO 9001 |

| ADP25120B - BENCHTOP | |
|---|---|
| Dimension | 409x618x315 mm |
| Weight | 24 Kg |
| Material | Plastic<br>Metals<br>Painted<br>Paper / Cardboard<br>Gold / Silver / Palladium |
| Certifications | ISO 9001 |

# ADP 5090

**Dot peen marking on anodized aluminium, burnished metals, cardboards, ceramic, ebony, wood, metals and alloys, hard plastic, polycarbonate, silicon, painted materials, and glass.**

Thanks to the very versatile software and the available I / O signals, the ADP model is particularly suitable for the industrial integration, network systems, data customization and production controls.



FOR INTEGRATION



PORTABLE

## OPTIONAL:

- Base and column available for use in the "benchtop" version.
- Standard height 500 mm.
- Other heights available upon request



## TWO UNIVERSAL CONTROLLERS AVAILABLE:

- AC500 7 "color graphic touch screen with talking icons
- Ethernet, RS232-485, Usb, I / O connections
- AC250 basic version, with connection to PC or stand alone up to 8 programs

## USER FRIENDLY MULTILINGUAL SOFTWARE:

- Management of serial numbers, texts, basic geometric figures, shift and date codes in various formats
- TTF font, 5 × 7 - 7 × 11 - 11 × 16 dot font, OCRA - OCRB, file upload / download, import
- Dxf - Bmp, Query in txt and Csv, Datamatrix and QRcode, scheduled maintenance
- Remote maintenance, 64MB internal hard memory





| AVAILABLE PINS | |
|---|---|
| Vibrated dot | 3 mm<br>4 mm |
| Controlled dot | 3 mm<br>3 mm XL<br>3 mm stroke + 20 mm<br>6 mm<br>6 mm XL<br>12 mm |
| Vibrated dot cartridge | 3 mm with spring<br>4 mm with spring |
| Cartridge controlled dot | 3 mm<br>3 mm stroke + 20 mm<br>6 mm<br>12 mm |

## DOT PEEN MARKING SYSTEM WITH:

- Pneumatic pin with spring return, and electric pin with solenoid
- Marking version with controlled dot for deep and fast marking or vibrating dot for fast and high quality marking
- 6 different standard pins available for the CONTROLLED DOT version
- 2 different standard pins for the VIBRATING version
- 1 electric pin

| ADP5090 - FOR INTEGRATION | |
|---|---|
| Dimension | 180x150x121 mm |
| Weight | 5 Kg |
| Material | Plastic<br>Metals<br>Wood<br>Paper / Cardboard<br>Other materials |
| Certifications | ISO 9001 |

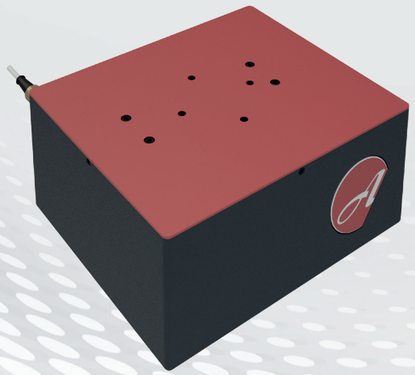
| ADP5090P - PORTABLE | |
|---|---|
| Dimension | 395x163x195 mm |
| Weight | 7 Kg |
| Material | Plastic<br>Metals<br>Wood<br>Paper / Cardboard<br>Other materials |
| Certifications | ISO 9001 |

| ADP5090B - BENCHTOP | |
|---|---|
| Dimension | 420x271x120 mm |
| Weight | 25 Kg |
| Material | Plastic<br>Metals<br>Wood<br>Paper / Cardboard<br>Other materials |
| Certifications | ISO 9001 |

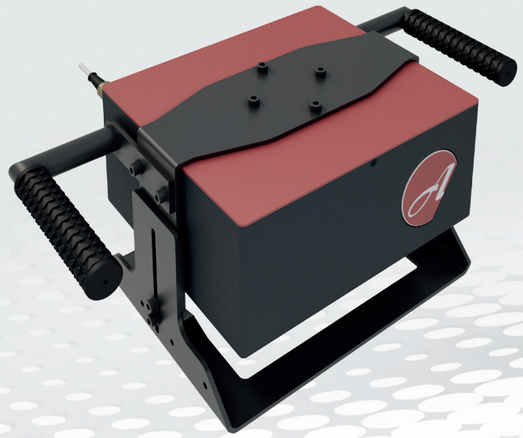
# ADP 120160

**Industrial marking machine.**

Lightweight and compact, ADP120160 is the most versatile system for dot peen marking.



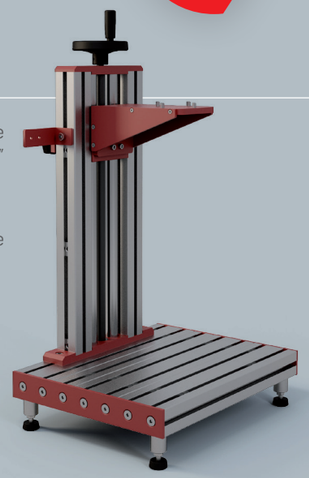
FOR INTEGRATION



PORTABLE

## OPTIONAL:

- Base and column available for use in the "benchtop" version.
- Standard height 500 mm.
- Other heights available upon request

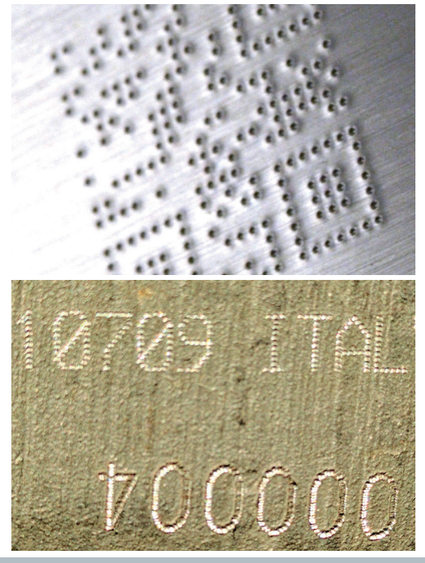


## TWO UNIVERSAL CONTROLLERS AVAILABLE:

- AC500 7 "color graphic touch screen with talking icons
- Ethernet, RS232-485, Usb, I / O connections
- AC250 basic version, with connection to PC or stand alone up to 8 programs

## USER FRIENDLY MULTILINGUAL SOFTWARE:

- Management of serial numbers, texts, basic geometric figures, shift and date codes in various formats
- TTF font, 5 × 7 - 7 × 11 - 11 × 16 dot font, OCRA - OCRB, file upload / download, import
- Dxf - Bmp, Query in txt and Csv, Datamatrix and QRcode, scheduled maintenance
- Remote maintenance, 64MB internal hard memory




| AVAILABLE PINS | |
|---|---|
| Vibrated dot | 3 mm<br>4 mm |
| Controlled dot | 3 mm<br>3 mm XL<br>3 mm stroke + 20 mm<br>6 mm<br>6 mm XL<br>12 mm |
| Vibrated dot cartridge | 3 mm with spring<br>4 mm with spring |
| Cartridge controlled dot | 3 mm<br>3 mm stroke + 20 mm<br>6 mm<br>12 mm |

## DOT PEEN MARKING SYSTEM WITH:

- Pneumatic pin with spring return, and electric pin with solenoid
- Marking version with controlled dot for deep and fast marking or vibrating dot for fast and high quality marking - 6 different standard pins available for the CONTROLLED DOT version
- 2 different standard pins for the VIBRATING version
- 1 electric pin

| ADP120160 - FOR INTEGRATION | |
|---|---|
| Dimension | 365x271x125 mm |
| Weight | 8,5 Kg |
| Material | Plastic<br>Metals<br>Wood<br>Painted |
| Certifications | ISO 9001 |

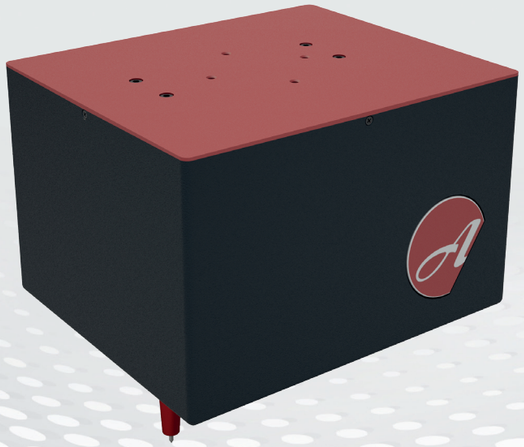
| ADP120160P - PORTABLE | |
|---|---|
| Dimension | 600x271x135 mm |
| Weight | 9 Kg |
| Material | Plastic<br>Metals<br>Wood<br>Painted |
| Certifications | ISO 9001 |

| ADP120160B - BENCHTOP | |
|---|---|
| Dimension | 435x254x500 mm |
| Weight | 28,5 Kg |
| Material | Plastic<br>Metals |
| Certifications | ISO 9001 |

# ADP 120160 DEEP

**High quality, deep industrial marking machine.**

Compact and efficient, ADP120160 is the most versatile system for deep marking on metals and alloys and, above all, painted materials.
Marking area 120x160mm.



FOR INTEGRATION



## OPTIONAL:

- Base and column available for use in the "benchtop" version.
- Standard height 500 mm.
- Other heights available upon request



## TWO UNIVERSAL CONTROLLERS AVAILABLE:

- AC500 7 "color graphic touch screen with talking icons
- Ethernet, RS232-485, Usb, I / O connections
- AC250 basic version, with connection to PC or stand alone up to 8 programs

## USER FRIENDLY MULTILINGUAL SOFTWARE:

- Management of serial numbers, texts, basic geometric figures, shift and date codes in various formats
- TTF font, 5 × 7 - 7 × 11 - 11 × 16 dot font, OCRA - OCRB, file upload / download, import
- Dxf - Bmp, Query in txt and Csv, Datamatrix and QRcode, scheduled maintenance
- Remote maintenance, 64MB internal hard memory

| AVAILABLE PINS | |
|---|---|
| Controlled dot | 12 mm<br>18 mm |
| Cartridge controlled dot | 12 mm<br>18 mm |

## SISTEMA PER MARCARE A MICROPUNTI CON:

- Pneumatic pin with spring return, and electric pin with solenoid
- Marking version with controlled dot for deep and fast marking or vibrating dot for fast and high quality marking - 6 different standard pins available for the CONTROLLED DOT version
- 2 different standard pins for the VIBRATING version
- 1 electric pin

| ADP120160 - FOR INTEGRATION | |
|---|---|
| Dimension | 365x271x125 mm |
| Weight | 8,5 Kg |
| Material | Plastic<br>Metals<br>Wood<br>Painted |
| Certifications | |

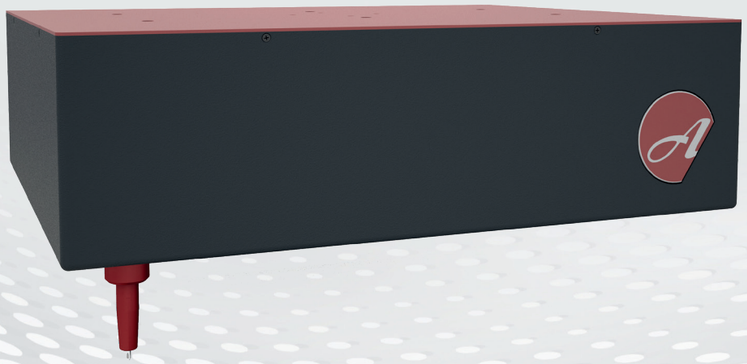
| ADP120160B - BENCHTOP | |
|---|---|
| Dimension | 435x254x500 mm |
| Weight | 28,5 Kg |
| Material | Plastic<br>Metals<br>Wood<br>Painted |
| Certifications | ISO 9001 |

MARKING AREA: **300X400 mm**

# ADP 300400

**Dot Peen marking on anodized aluminum, burnished metals, cardboard, ceramic, ebony, wood, metals and alloys, hard plastics, polycarbonate, silicon, painted and glass.**

Thanks to the very versatile software and to the available I / O signals, the ADP model is particularly suitable for industrial integrations, network systems, customizations in production data and controls.



FOR INTEGRATION

## OPTIONAL:

- Base and column available for use in the "benchtop" version.
- Standard height 500 mm.
- Other heights available upon request



## TWO UNIVERSAL CONTROLLERS AVAILABLE:

- AC500 7 "color graphic touch screen with talking icons
- Ethernet, RS232-485, Usb, I / O connections
- AC250 basic version, with connection to PC or stand alone up to 8 programs

## USER FRIENDLY MULTILINGUAL SOFTWARE:

- Management of serial numbers, texts, basic geometric figures, shift and date codes in various formats
- TTF font, 5 × 7 - 7 × 11 - 11 × 16 dot font, OCRA - OCRB, file upload / download, import
- Dxf - Bmp, Query in txt and Csv, Datamatrix and QRcode, scheduled maintenance
- Remote maintenance, 64MB internal hard memory





| AVAILABLE PINS | |
|---|---|
| Vibrated dot | 3 mm<br>4 mm |
| Controlled dot | 3 mm<br>3 mm XL<br>3 mm stroke + 20 mm<br>6 mm<br>6 mm XL<br>12 mm |
| Vibrated dot cartridge | 3 mm with spring<br>4 mm with spring |
| Cartridge controlled dot | 3 mm<br>3 mm stroke + 20 mm<br>6 mm<br>12 mm |

## DOT PEEN MARKING SYSTEM WITH:

- Pneumatic pin with spring return, and electric pin with solenoid
- Marking version with controlled dot for deep and fast marking or vibrating dot for fast and high quality marking
- 6 different standard pins available for the CONTROLLED DOT version
- 2 different standard pins for the VIBRATING version
- 1 electric pin

| ADP300400 - FOR INTEGRATION | |
|---|---|
| Dimension | 513x424x147 mm |
| Weight | 21 Kg |
| Material | Plastic<br>Metals |
| Certifications | ISO 9001 |

| ADP300400 - BENCHTOP | |
|---|---|
| Dimension | 764x420x648 mm |
| Weight | 45 Kg |
| Material | Plastic<br>Metals |
| Certifications | ISO 9001 |

# ASM 6090

**The quietest and the fastest solution for marking on metals and plastics.**

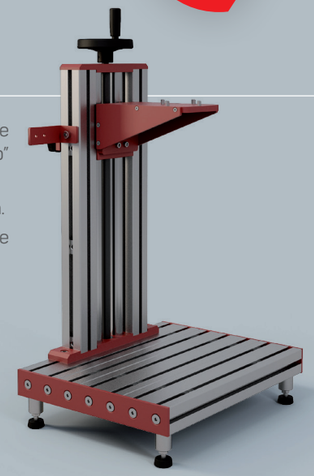
It provides a large marking area in a very light and compact technology unit. The piston, specially designed by Automator, pushes the pin deep into the material to be marked continuously.




FOR INTEGRATION

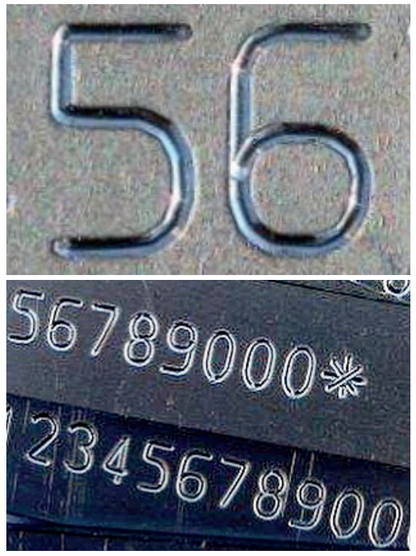
## OPTIONAL:

- Base and column available for use in the "benchtop" version.
- Standard height 500 mm.
- Other heights available upon request



## USER FRIENDLY MULTILINGUAL SOFTWARE:

- Management of serial numbers, texts, basic geometric figures, shift and date codes in various formats
- TTF font, 5 × 7 - 7 × 11 - 11 × 16 dot font, OCRA - OCRB, file upload / download, import
- Dxf - Bmp, Query in txt and Csv, Datamatrix and QRcode, scheduled maintenance
- Remote maintenance, 64MB internal hard memory




| AVAILABLE PINS | |
|---|---|
| Scribe pin | 6 mm ASM40150 |
| Scribe cartridge | 6 mm ASM40150 |

## SCRIBE MARKING SYSTEM CONSISTING OF:

- Marking head, with pin/ cartridge and 4m head
- Controller cable
- Universal AC500 controller
- Air filter
- Scribe pin

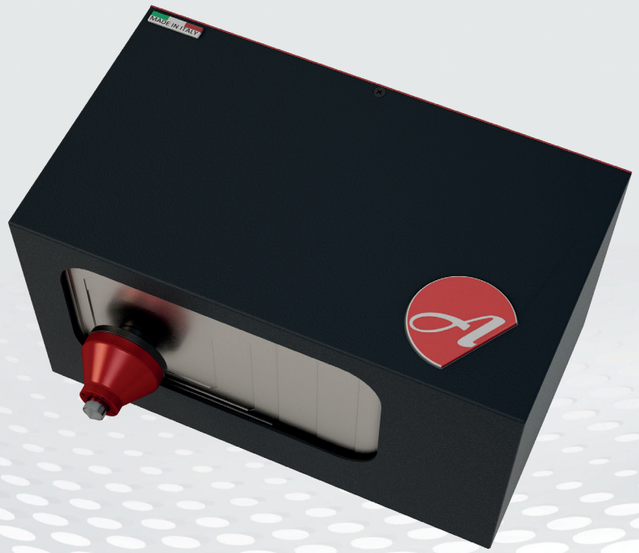
| ASM6090 - FOR INTEGRATION | |
|---|---|
| Dimension | 170x200x194 mm |
| Weight | 6 Kg |
| Material | Plastic<br>Metals<br>Other materials |
| Certifications | ISO 9001 |

| ASM6090 - BENCHTOP | |
|---|---|
| Dimension | 436x254x125 mm |
| Weight | 26 Kg |
| Material | Plastic<br>Metals<br>Other materials |
| Certifications | ISO 9001 |

# ASM 40150

**The best solution for silent and continuous marking on metals and hard plastics.**

The piston, specially designed by Automator, pushes the pin deep into the material to be marked continuously.



FOR INTEGRATION




## OPTIONAL:

- Base and column available for use in the "benchtop" version.
- Standard height 500 mm.
- Other heights available upon request



| AVAILABLE PINS | |
|---|---|
| Scribe pin | 16 mm ASM40150 |
| Scribe cartridge | 16 mm ASM40150 |

| ASM40150 - FOR INTEGRATION | |
|---|---|
| Dimension | 360x200x270 mm |
| Weight | 19 Kg |
| Material | Metals<br>Plastic<br>Other materials |
| Certifications | ISO 9001 |

| ASM40150 - PORTABLE | |
|---|---|
| Dimension | 764x420x648 mm |
| Weight | 59 Kg |
| Material | Metals<br>Other materials |
| Certifications | ISO 9001 |

# THE PINS:

**PNEUMATIC CONTROLLED DOT**
Air actuated / spring return mechanism




3 - 6 mm dot | 12 mm dot | 18 mm dot | 3 -6 mm XL dot

**ELECTRIC**
With solenoid valve



3 mm dot

**PNEUMATIC VIBRATING PIN**
Air actuated / spring return mechanism




4 mm vibro | 3 mm vibro

**SCRIBE PIN**
Deep and silent scribe marking



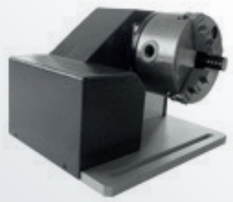
16 mm
for ASM40150

6 mm
for ASM6090

# ACCESSORIES:

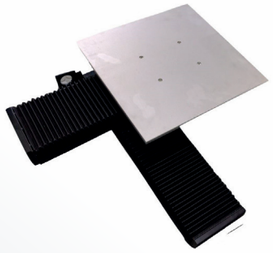
## THETA AXIS

Software-driven rotation axis for circumferential marking



## XY AXIS

Stroke 300mmx300mm Stepper motor, maximum supported weight 40kg



## ELECTRIC Z AXIS

Available in standard height from 500 mm up to 1200 mm



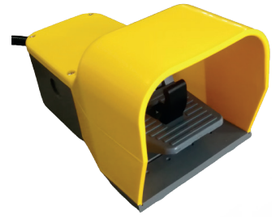
## RUBBER CAP FOR ADP HEADS

To protect the marking head from infiltrations



## MARKING START PEDAL

With communication cable and adapter



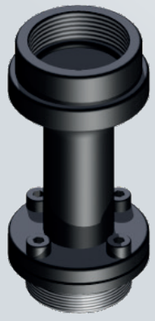
## RADIAL EXTENSION KIT

Extension bracket for 85 and 134 mm horizontal type cartridges



## AXIAL EXTENSION

Extension for 40mm cartridge

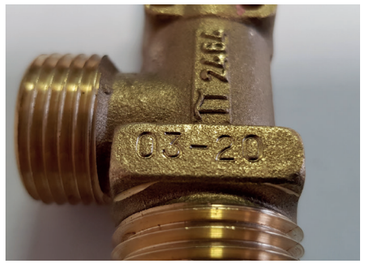


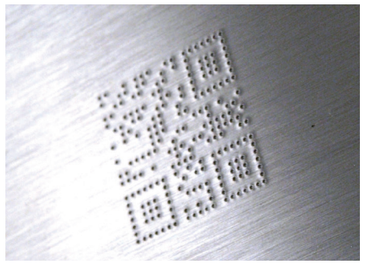
## COMMAND BOX

With start / stop buttons and cable

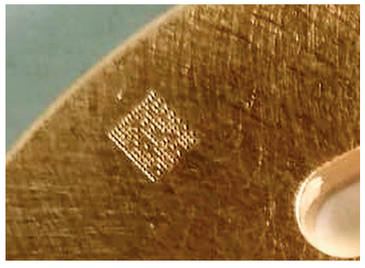


# MARKINGS ON ALL SURFACES







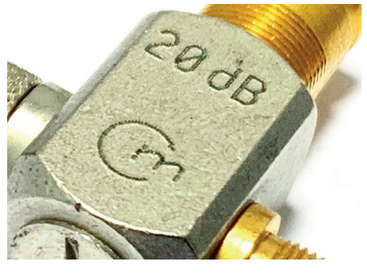


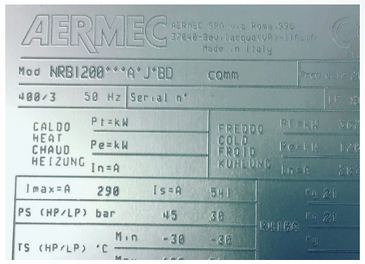


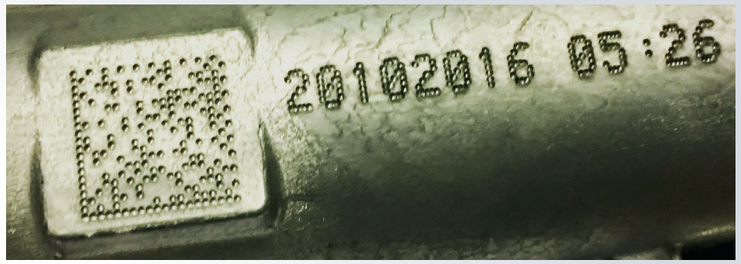


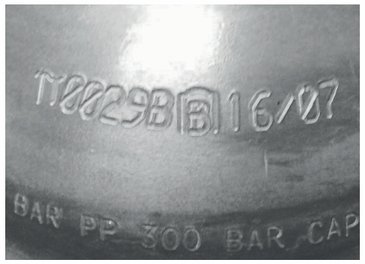


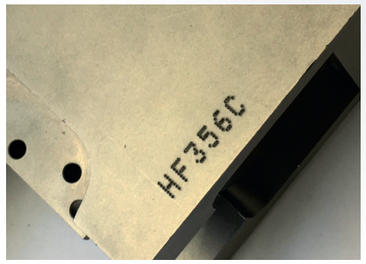


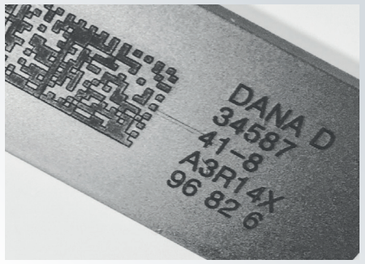



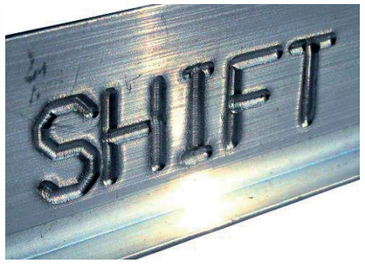









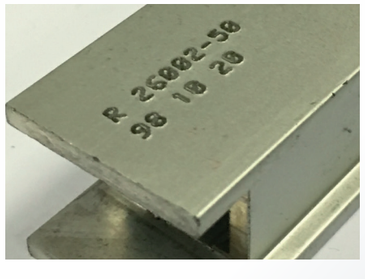












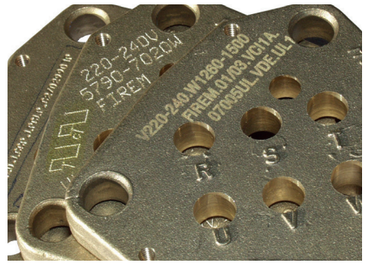


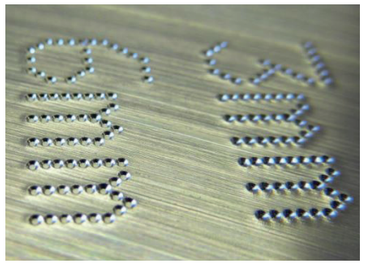
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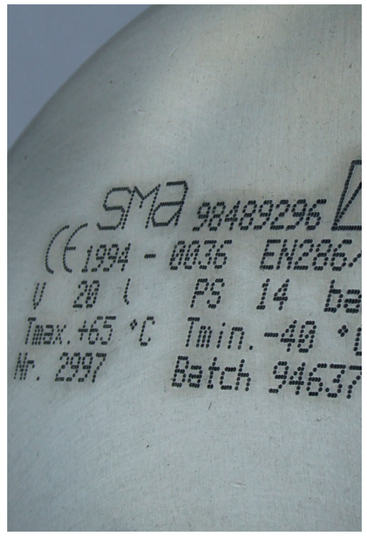

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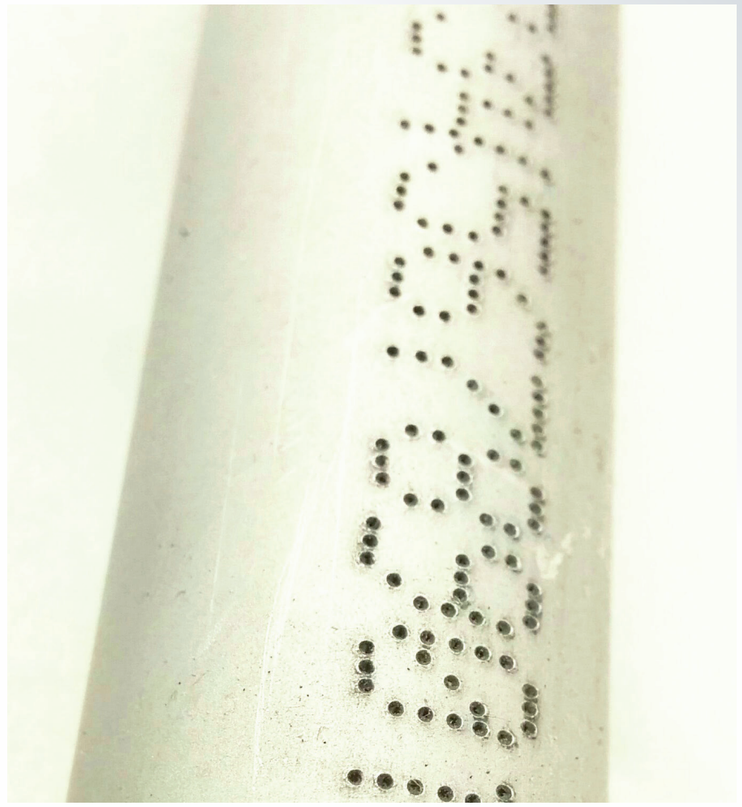

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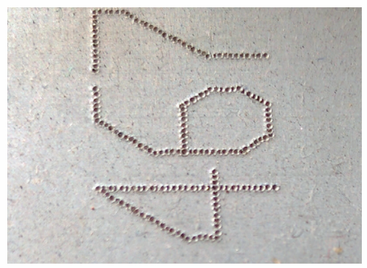

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SISTEMI INTEGRATI S.R.L.

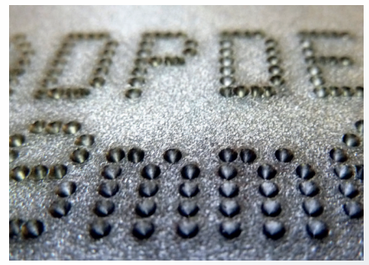

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VIBRO 3
DOT 3
DOT 6
DOT 12


NOVAK
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JAN


REAL WOOD

BE010010-2023E Rev. 0



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