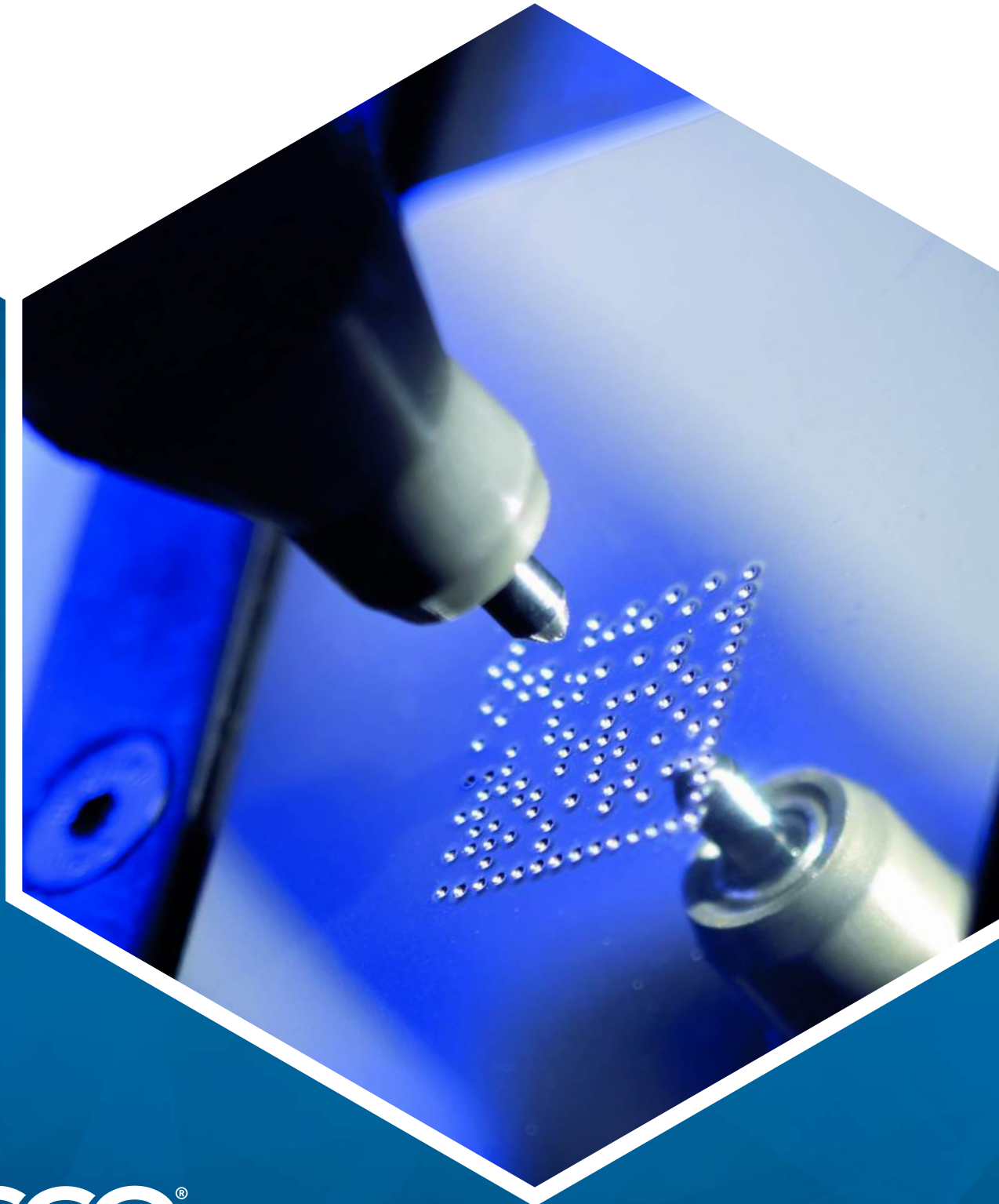


PIN MARKING PRODUCT CATALOG



MECCO®



Why MECCO®? Our vast industry experience means that whatever your needs — whether OEM, benchtop, or turnkey solutions — we deliver. Unlike other marking manufacturers, we listen to your challenges and devise solutions tailored specifically to your needs.

MECCO® is a proud, long standing partner and the exclusive distributor of COUTH® impact marking technologies in the U.S. and Canada. As a value added distributor, our combined expertise has given manufacturers the ability to create high-quality industrial pin marking for over 30 years. COUTH, which began in 1954, specializes in industrial marking and traceability and engineers the world's deepest and fastest dot peen and scribe machines. Their headquarters are in the Basque Country of Spain.

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THE MECCO EXPERIENCE

INNOVATIVE RELATIONSHIPS, INNOVATIVE SOLUTIONS.

At MECCO, we are powered by one word: innovation. We believe that in order to deliver the very best in industrial product marking and identification systems, we must provide relationships and solutions that are grounded in innovation.



ENGINEER

TEST

BUILD

How do we do it? It all begins with our culture, one that is built around honest communication, win-win scenarios, and designing success. It comes to life through our quality-built equipment, responsiveness to your needs, and engineered marking systems that can't be beat. You and your company gain when you choose The MECCO Experience.

www.MECCO.com

ONE CLICK, ONE CALL GETS IT ALL

When you work with us, we address your full-scale needs so that you don't have to turn to multiple suppliers. With just one call, we'll get it all and get it right. And with our steadfast emphasis on high quality manufacturing and integration, you can expect peace of mind every step of the way.

TRACEABILITY FOR THE CONNECTED FACTORY

Connect Track-And-Trace with Your Enterprise

To overcome today's industrial challenges, manufacturers need to work smarter by connecting the factory. They need to increase efficiency, reduce costs, and enhance quality. All of these goals can be accomplished using an integrated track-and-trace system.

Most factory equipment like robotics and vision system are controlled through programmable logic controllers (PLCs). These systems communicate directly with the PLC using EtherNet/IP™ to automate processes in assembly lines.

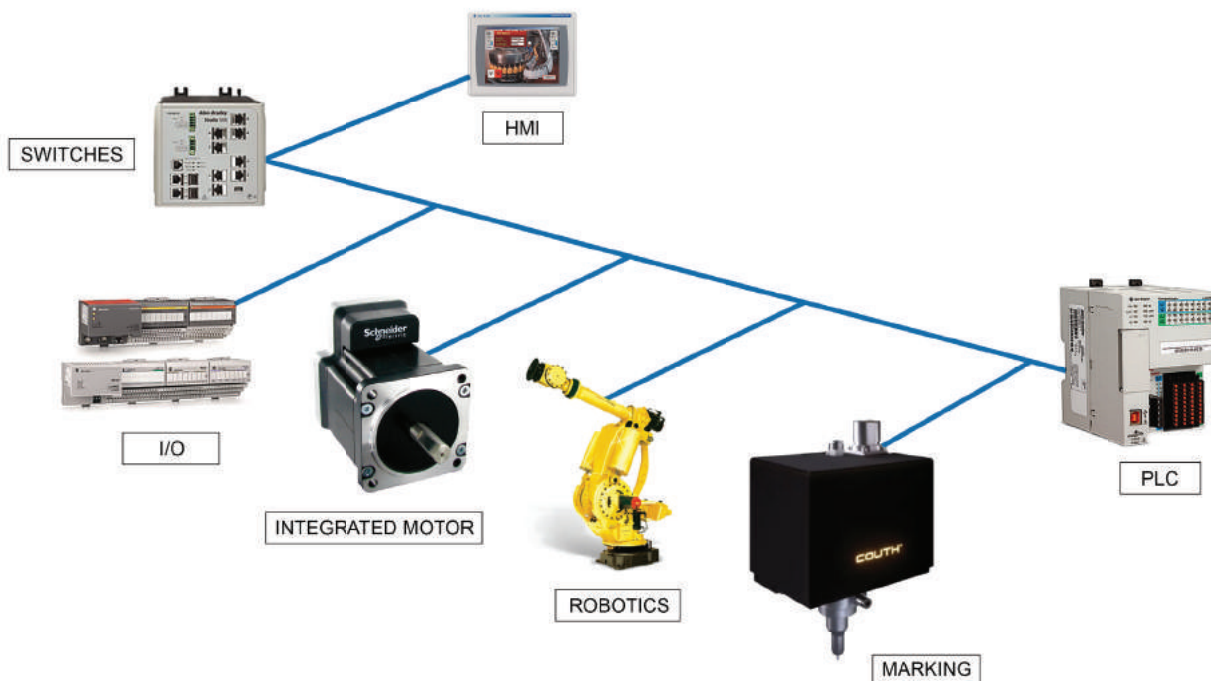
Pin marking part information in barcode or human readable form is the critical component for achieving traceability, but it has historically required proprietary Application Programming Interfaces in order to communicate. This resulted in 30 to 80+ hours of custom programming.

ETHERMARK®: OPTIMIZING CONNECTIVITY

EtherMark® provides direct communication from the PLC to the pin marking device. Now that pin marking equipment, via EtherMark, is connected to the factory floor, it becomes easier to implement a traceability system and obtain the benefits of cost reduction and increased efficiencies.

This EtherMark technology enables much faster initial deployment, simpler maintenance, and fewer potential points of failure in communication. As an ODVA certified device, Add-On Profiles and Add-On Instructions reduce the programming time from 30+ hours to as little as 8 minutes.

CONNECTIVITY IN THE AUTOMATED FACTORY



INTEGRATING & USING YOUR PIN MARKING SYSTEM

Your Guide to Positive Outcomes 'Beyond the Mark'

We believe that one size doesn't fit all. So when we work together, we don't start by pushing a product. Instead, we work to find the right solution for you by addressing high-level issues:

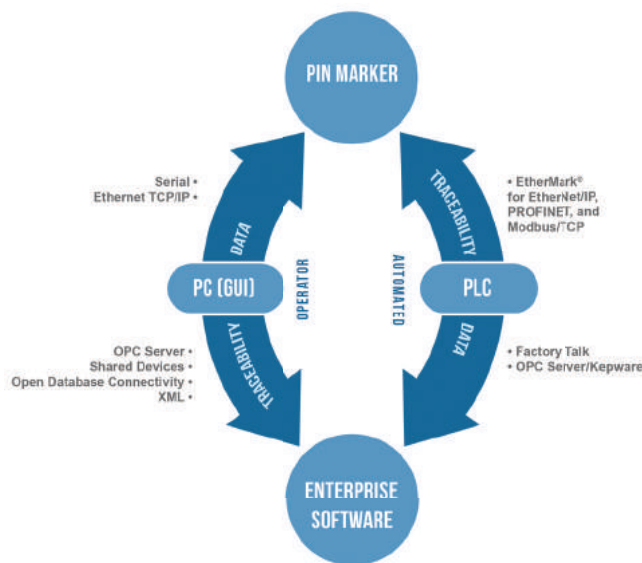
- » What do you need your traceability system to do?
- » How will it Integrate with the rest of your business?
- » How does it need to be used to achieve optimal results?

SOLUTIONS DESIGNED FOR YOU

It is with this methodology that we're able to provide a solution that is designed to work for you, setting up your long-term success.

Starting with traceability and how it integrates with your operations leads us down a better path to product selection. As we discuss how data will be sent back and forth, we can start to map out the needs of your pin marking system.

Manufacturers have relied on us to collaborate, problem-solve, and transform what's possible in marking and traceability ever since 1889. You'll find that when you talk, our team listens. Then we foster working relationships that save you time, money, and resources – so you can focus on doing what you do best.



OPERATOR VS AUTOMATED: THE TWO WORLDS OF INTEGRATION

In typical manufacturing environments, pin marking equipment is either communicating with a PLC or a PC to transmit or receive traceability information.

In both environments, the communication protocols can vary depending on manufacturing systems. MECCO's traceability solutions are easily configurable and flexible for integration to the manufacturing floor and the enterprise software.

SUPPORTED COMMUNICATION PROTOCOLS FROM PIN MARKING SYSTEM(S)

To PC:

- Serial
- Ethernet TCP/IP

To PLC:

- Ethernet TCP/IP
- PROFINET
- Modbus

SUPPORTED APPLICATION INTERFACES TO ENTERPRISE SOFTWARE

From PC:

- OPC Server
- Shared Drives
- ODBC
- XML

From PLC:

- Factory Talk
- OPC Server

PIN MARKING ENGINEERED SOLUTIONS

Because One Size Doesn't Fit All

Traceability doesn't operate in a vacuum. With the Industrial Internet of Things (IIoT) and connected factories becoming more widespread, there's more to part marking than ordering a basic marking device. That's why MECCO builds complete solutions for your industry, your material, and your requirements.

We are the leader in manufacturing sophisticated, custom configured workstations and retrofitting our pin markers into existing integrations. You can expect to work with real people who are really good at what they do, striving to make your life easier by providing you technical expertise and a system designed to work for you.



**INCREASE QUALITY
WITH INTEGRATED VISION**



**AUTOMATE PART HANDLING
WITH PART FIXTURING**



**ENSURE SAFTY
WITH LIGHT CURTAINS AND HANDRAILS**



**INCREASE ACCURACY OF DATA ENTRY
SCANNERS, HMI SCREENS, OR DATABASE INTEGRATION**

OUR LIFETIME SERVICE GUARANTEE APPLICATION ENGINEERING

Discover the MECCO Difference

Your success in marking and traceability depends on more than technology alone. You need a team you can rely on – both now and long after your systems are in place.

That's why MECCO offers access to our state-of-the-art applications lab for the life of your product. This valuable, complimentary benefit allows you to save time and money with expert service and support that is one click or call away.

You receive:

- » Free sample marking prior to purchase
- » Sample mark job file post-purchase
- » Application support for new products
- » Help with job files
- » Troubleshooting for new materials



“Having lifetime use of the MECCO applications lab to troubleshoot and assist in new markings is an extremely valuable offering which made the difference when considering marking systems”

-Mark Rottinger
Manufacturing Engineer



RECEIVE FREE MARKING SAMPLES

At MECCO, we know the importance of understanding how equipment will mark your specific parts. More importantly, we know that there are often unknown variables preventing you from getting the best possible mark.

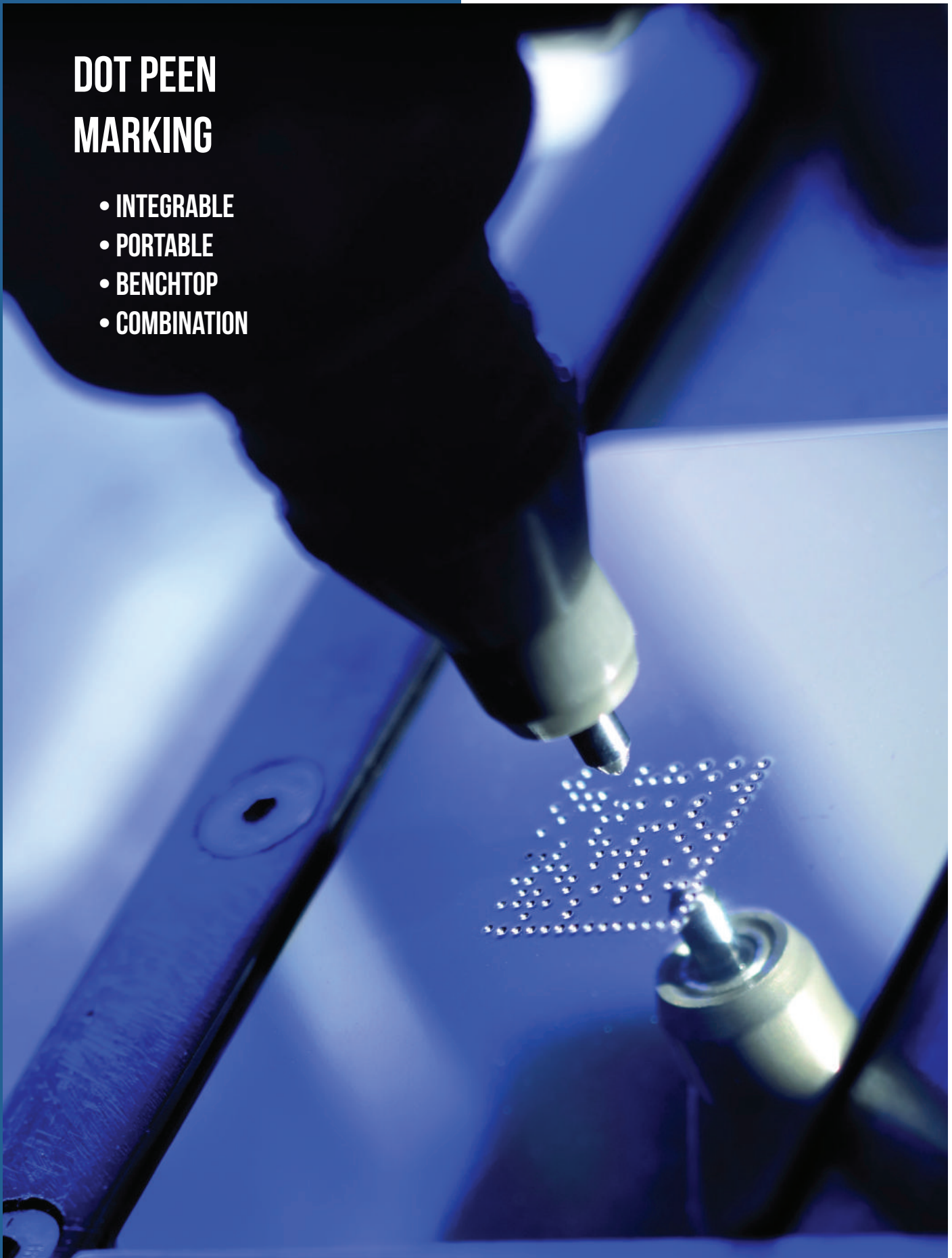
Our consultative approach to applications engineering means that we work through your project challenges together to ensure your particular goals are met that that you are 100% satisfied.

OUR PROCESS:

- » **Request:** Send us a request at mecco.com/sample-marking.
- » **Receipt:** Our service team calls to arrange shipment.
- » **Shipment:** You ship your sample parts to our applications team.
- » **Review:** An applications engineer calls to review your needs.
- » **Processing:** We mark your samples within an agreed turnaround.
- » **Prelim Feedback:** We email photos of marked parts for your review.
- » **Report:** We adjust to your feedback and send a full sample report.
- » **Return:** The marked parts are shipped back to you.
- » **Debrief:** We arrange a debrief session to review sample quality.

DOT PEEN MARKING

- **INTEGRABLE**
- **PORTABLE**
- **BENCHTOP**
- **COMBINATION**



FAST, DEEP AND RELIABLE MARKING

Built with superior technology, these dot peen machines are the fastest on the market.

When you partner with our team, you can trust that your machine works well, and it works for your precise needs.

At MECCO, we understand that the marking unit is an essential element in your production line. That's why you can expect even more than a top-of-the-line piece of equipment – you will experience personalized, responsive customer service to minimize downtime and maximize efficiency.



GENERAL TECHNICAL CHARACTERISTICS

- Different marking areas.
- Speed of up to 12 characters/second.
- Variety of pneumatic and electric head types, depending on the needs of the application.
- Air pressure 90 PSI.
- Connection to COUTHsmartbox (See characteristics p. 24).
- A wide range of characters from 1 to 48mm. Emblems, logos, 2D codes (Data Matrix codes, QR codes), etc.
- PC editing program.
- Reliable, robust, and low maintenance.



| Integrable



| Portable



| Benchtop



DOT PEEN MARKING

INTEGRABLE



50 X 17 U

SUPERFAST

- Smallest and fastest model specially designed to be integrated into product lines.
- High speed marking on all types of materials and hardnesses up to 62 HRC.

STANDARD

- Smallest with a large marking area specially designed to be integrated into product lines
- High precision and speed marking on all types of materials and hardnesses up to 62 HRC.

DEEP MARKING

- Model with high mechanical strength, specially designed for marking on structural steel, downhole piping, or thick coatings.
- Compact and robust, very easy to integrate into production lines.
- High speed marking on all types of materials in harsh corrosive environments.



Model	Area	Dimensions (mm)			Weight	Type
	X x Y	Length	Width	Height	lb	
50 x 17 U	50 x 17 (25)	112	79	173(214)	3.74	SuperFast
100 x 17 U	100 x 17 (25)	164.5	79	173(214)	4.84	SuperFast
160 x 17 U	160 x 17 (25)	222	79	173(214)	5.94	SuperFast
90 x 60 U	90 x 60	200	190	244	10.34	Standard
150 x 100 U	150 x 100	300	284	244	16.5	Standard
72 x 35 U	72 x 35	185	136	347	24.2	Deep Marking
200 x 35 U	200 x 35	406	318	347	37.4	Deep Marking

Items in parenthesis indicate dimensions of extender for 25mm marking window

MARKING HEADS AVAILABLE

Type	Vibrating Pneumatic*				Solenoid		
	Size	N07SB	N14SB	N20SB	N34**	S02	S06
Area X x Y							
50 x 17 (25)	●	●	●	-	●	-	
100 x 17 (25)	●	●	●	-	●	-	
160 x 17 (25)	●	●	●	-	●	-	
90 x 60	●	●	●	●	-	●	
150 x 100	●	●	●	●	-	●	
72 x 35	-	-	-	●	-	-	
200 x 35	-	-	-	●	-	-	

● Available - Not Available

*Pneumatics and solenoids are not interchangeable

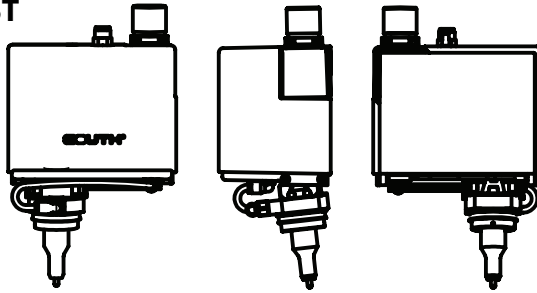
**Within Pneumatic Models, N34s are not interchangeable



**DOT PEEN
MARKING**

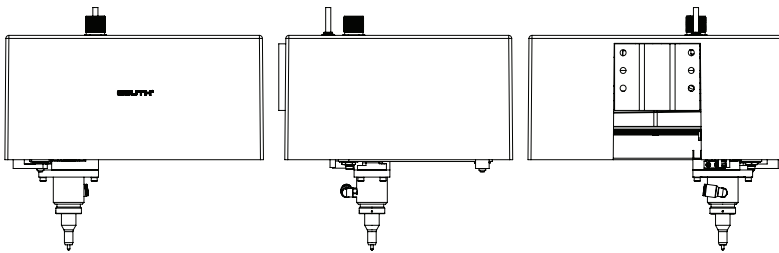
INTEGRABLE

SUPERFAST



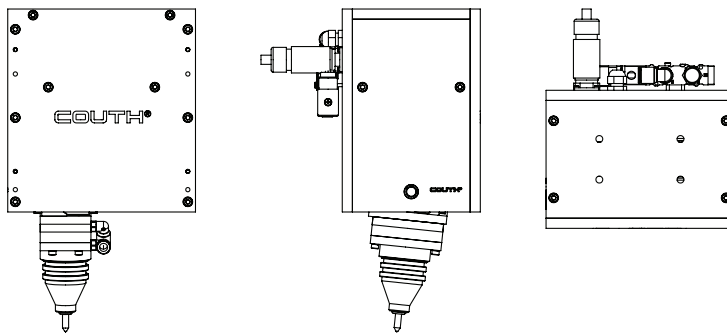
50 X 17 U

STANDARD

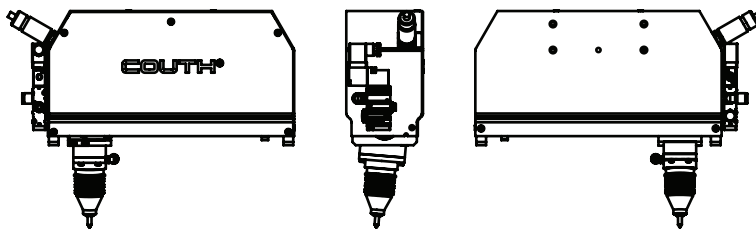


150 X 100 U

DEEP MARKING



72 X 35 U



200 X 35 U

FOR DRAWINGS OF THE ADDITIONAL MODELS (100X17, 160X17, 90X60), PLEASE CONTACT MECCO



DOT PEEN MARKING

PORTABLE



50 X 17 P

SUPERFAST

- Small, lightweight model specially designed for easy and ergonomic use.
- High speed marking on all types of materials and hardnesses up to 62 HRC.

STANDARD

- Portable model with a large marking area and high mechanical rigidity, specially designed to mark directly on large parts.
- High precision and speed of marking on all types of materials and hardnesses up to 62 HRC.

DEEP MARKING

- Model with high mechanical rigidity, specially designed for marking on structural steel, downhole piping, or thick coatings. Compact and robust, ideal for marking large immovable parts.
- Reliable and low maintenance.



Model	Area X x Y	Dimensions (mm)			Weight lb	Type
		Length	Width	Height		
50 x 17 P	50 x 17 (25)	146	198	174(214)	6.16	SuperFast
100 x 17 P	100 x 17 (25)	203	198	174(214)	7.92	SuperFast
160 x 17 P	160 x 17 (25)	257	204	260(300)	10.12	SuperFast
90 x 60 P	90 x 60	340	313	244	15.4	Standard
150 x 100 P	150 x 100	495	336	244	46.2	Standard
72 x 35 P	72 x 35	425	136	347	30.8	Deep Marking
200 x 35 P	200 x 35	406	136.5	347	44	Deep Marking

Items in parenthesis indicate dimensions of extender for 25mm marking window

MARKING HEADS AVAILABLE

Type	Vibrating Pneumatic*				Solenoid	
	Size	N07SB	N14SB	N20SB	N34**	S02
Area X x Y						
50 x 17 (25)	●	●	●	-	●	-
100 x 17 (25)	●	●	●	-	●	-
160 x 17 (25)	●	●	●	-	●	-
90 x 60	●	●	●	●	-	●
150 x 100	●	●	●	●	-	●
72 x 35	-	-	-	●	-	-
200 x 35	-	-	-	●	-	-

● Available - Not Available

*Pneumatics and solenoids are not interchangeable

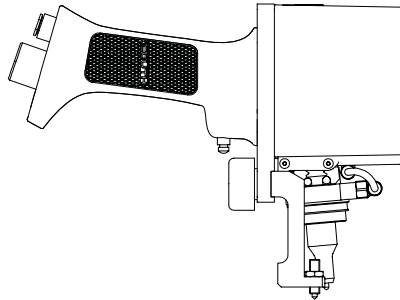
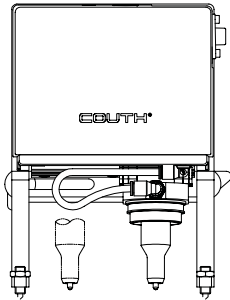
**Within Pneumatic Models, N34s are not interchangeable



DOT PEEN MARKING

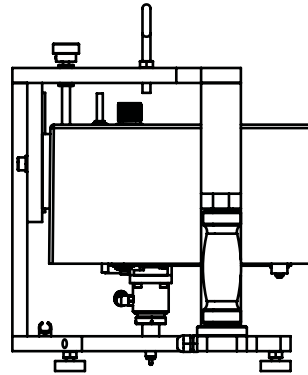
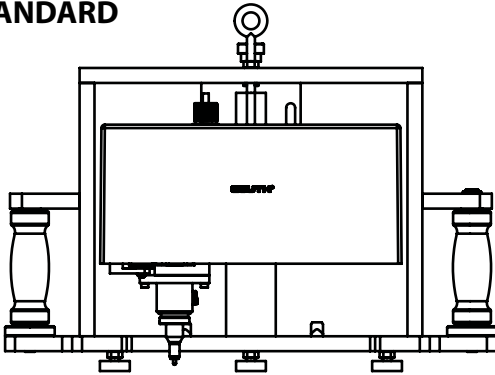
PORTABLE

SUPERFAST



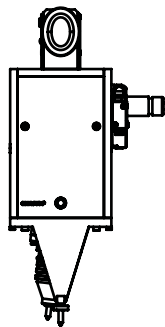
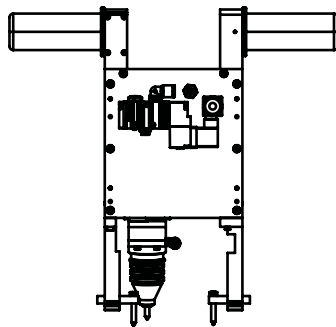
50 X 17 P

STANDARD

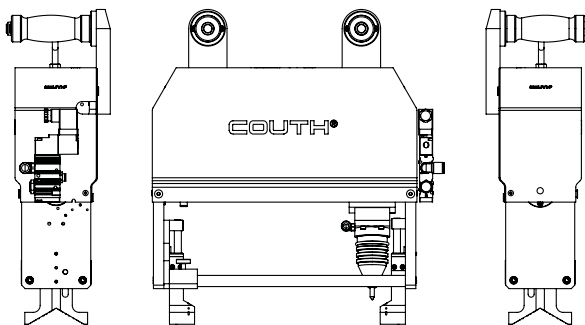


150 X 100 P

DEEP MARKING



72 X 35 P



200 X 35 P

FOR DRAWINGS OF THE ADDITIONAL MODELS (100X17, 160X17, 90X60), PLEASE CONTACT MECCO



DOT PEEN MARKING

BENCHTOP



90X60 N

SUPERFAST

- Benchtop model with column support and marking table.
- High speed marking on all types of materials and hardnesses up to 62 HRC.

STANDARD

- Desktop model supported on table and columns, specially designed to be used in marking large areas.
- High precision and speed of marking on all types of materials and hardnesses up to 62 HRC.

DEEP MARKING

- Model with high mechanical rigidity, specially designed for marking on structural steel, downhole piping, or thick coatings. Compact and robust, ideal for marking large immovable parts.



Model	Area	Dimensions (mm)			Weight lb	Type
		X x Y	Length	Width		
50 x 17 N	50 x 17 (25)	200	370	660	62.7	SuperFast
100 x 17 N	100 x 17 (25)	200	370	660	63.8	SuperFast
160 x 17 N	160 x 17 (25)	200	370	660	64.9	SuperFast
90 x 60 N	90 x 60	200	375	660	69.3	Standard
150 x 100 N	150 x 100	200	420	660	89.32	Standard
72 x 35 N	72 x 35	260	468	713	98.12	Deep Marking
200 x 35 N	200 x 35	405	468	713	111.32	Deep Marking

Items in parenthesis indicate dimensions of extender for 25mm marking window

MARKING HEADS AVAILABLE

Type	Vibrating Pneumatic*				Solenoid		
	Size	N07SB	N14SB	N20SB	N34**	S02	S06
Area X x Y							
50 x 17 (25)	●	●	●	—	●	—	
100 x 17 (25)	●	●	●	—	●	—	
160 x 17 (25)	●	●	●	—	●	—	
90 x 60	●	●	●	●	—	●	
150 x 100	●	●	●	●	—	●	
72 x 35	—	—	—	●	—	—	
200 x 35	—	—	—	●	—	—	

● Available — Not Available

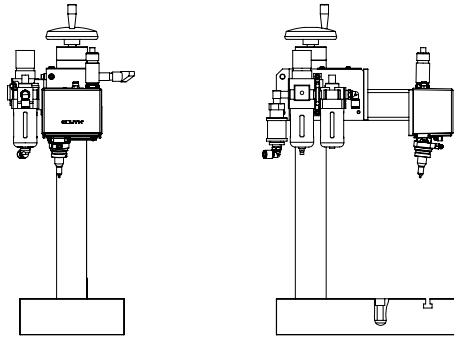
*Pneumatics and solenoids are not interchangeable

**Within Pneumatic Models, N34s are not interchangeable



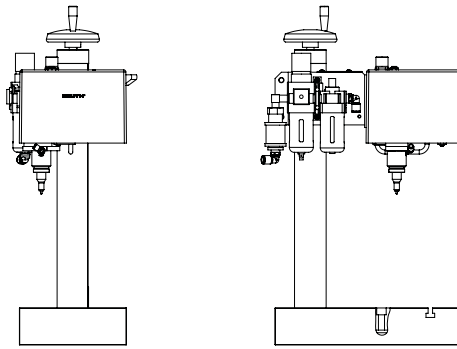
DOT PEEN MARKING BENCHTOP

SUPERFAST



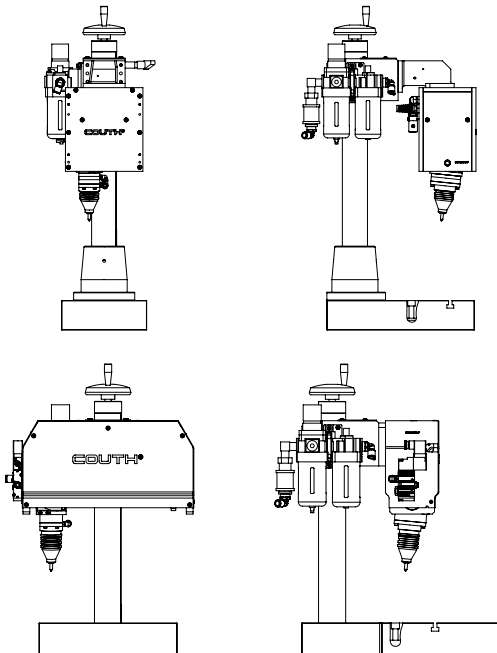
50 X 17 N

STANDARD



90 X 60 N

DEEP MARKING



72 X 35 N



200 X 35 N

FOR DRAWINGS OF THE ADDITIONAL MODELS (100X17, 160X17), PLEASE CONTACT MECCO



DOT PEEN MARKING

COMBINATION



50 X 17 P+N

SUPERFAST

- Versatile model, which is also portable. Stands out for its ergonomics and usability.
- High speed marking on all types of materials and hardnesses up to 62 HRC.

STANDARD

- Combination benchtop and portable model, with column support and table for marking any kind of part.
- Versatile model that stands out for its ergonomics and usability.
- High speed marking on all types of materials and hardnesses up to 62 HRC.



Model	Area	Dimensions (mm)			Weight lb	Type
		X x Y	Length	Width		
50 x 17 P+N	50 x 17 (25)	200	370	660	69.3	SuperFast
100 x 17 P+N	100 x 17 (25)	200	370	660	71.5	SuperFast
160 x 17 P+N	160 x 17 (25)	203	375	660	73.7	SuperFast
90 x 60 P+N	90 x 60	200	375	660	77	Standard

Items in parenthesis indicate dimensions of extender for 25mm marking window

MARKING HEADS AVAILABLE

Type	Vibrating Pneumatic*				Solenoid	
	Size	N7SB	N14SB	N20SB	N34**	S2
Area X x Y						
50 x 17 (25)	●	●	●	-	●	-
100 x 17 (25)	●	●	●	-	●	-
100 x 17 (25)	●	●	●	-	●	-
90 x 60	●	●	●	●	-	●

● Available - Not Available

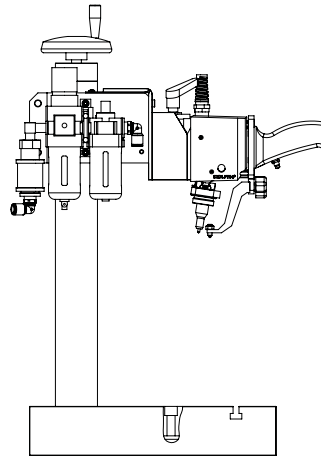
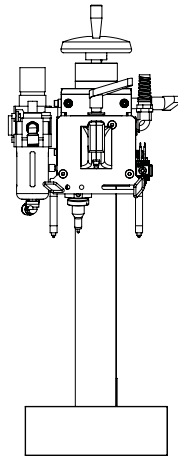
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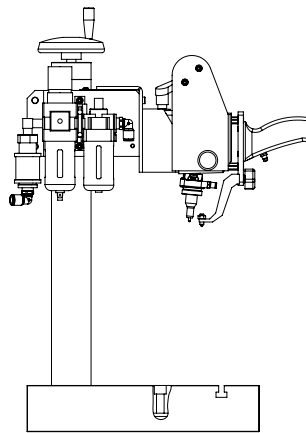
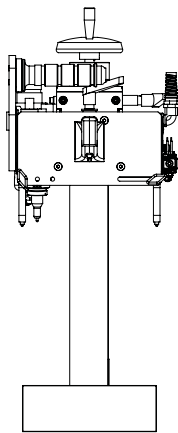


**DOT PEEN
MARKING
COMBINATION**

SUPERFAST

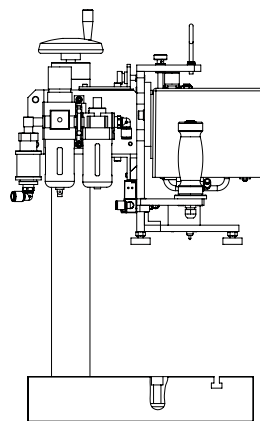
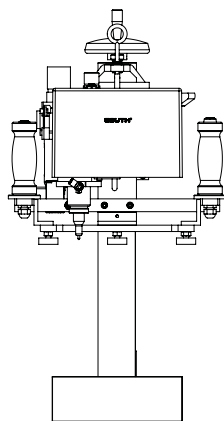


50 X 17 P+N



160 X 17 P+N

STANDARD



90 X 60 P+N

FOR DRAWINGS OF THE ADDITIONAL MODELS (100X17, 160X17), PLEASE CONTACT MECCO



**SCRIBE
MARKING**

COMPACT, ROBUST, QUIET MARKING

When you need fast, low-decibel marking, scribe marking is the ideal technology.

Its compact design gives this innovative machine a smaller footprint. Whether you need fine, sharp, or deep marks, our reliable, time-tested engineering delivers high quality marks, every time.

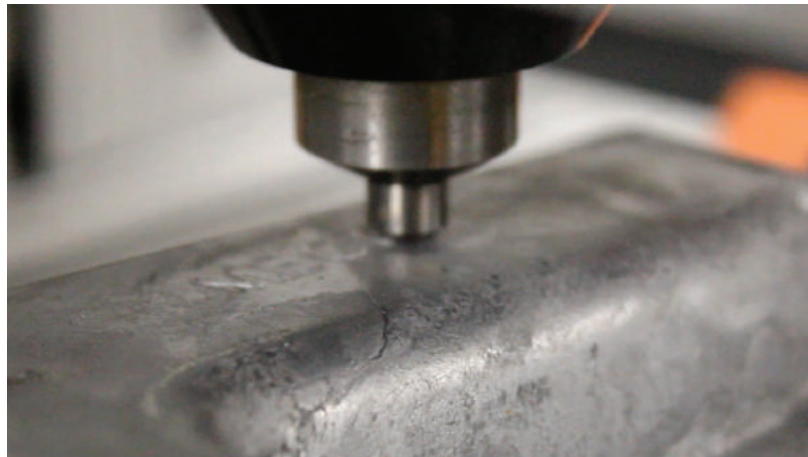
Integrating scribing systems with a programmable logic controller (PLC) are simplified with MECCO's Ethermark® software



| Integrable 75 x 15



| Integrable 50 x 30



GENERAL TECHNICAL CHARACTERISTICS

- Continuous sound pressure level measured at 64 L_{Aeq} in dB.
- Reliable, robust, and low maintenance.
- High speed scribe marking (Up to 10 characters per second).
- Maximum depths up to 0.5 mm.
- Quick needle change system.
- Air pressure up to 90 PSI.
- 2.5 m robotics cable (Other lengths available).
- Connection to COUTHsmartbox control (See characteristics p. 24).
- Wide range of characters from 1 to 48 mm.
- Can create marks of emblems, logos, 2D codes, Data Matrix codes, QR codes, etc.
- Different marking areas.



SCRIBE MARKING

INTEGRABLE



SCRIBE 60 x 40 U

SUPERFAST

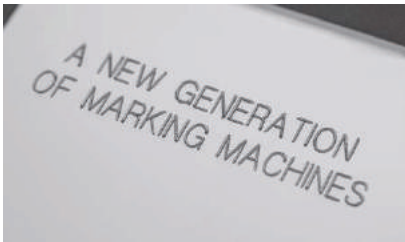
- Small model specially designed to be integrated into production lines.
- High speed, quiet, and high quality marking for all types of materials.

STANDARD

- Solid, compact model specially designed to be integrated into production lines.
- Optimum marking depth and quality for different types of materials and industrial applications

SERVOMOTOR

- Deepest Scribe marker up to 0.5 mm depth.
- Solid, compact model specially designed to be integrated into production lines where extreme mark depth is required.
- High speed and reliability of marking in all types of materials



Model	Area	Dimensions (mm)			Weight	Depth	Type
		X x Y	Length	Width			
SCRIBE 75 X 15 U	75 X 15	165	79	170	8.36	0.05 mm	SuperFast
SCRIBE 60 X 40 U	60 x 40	155.5	127	189	13.2	0.15 mm	Standard
SCRIBE 50 X 30 U	50 x 30	163	150	264.5	22	0.2 mm	Standard
SCRIBE 80 X 80 U	80 x 80	205	200	208	18.7	0.2 mm	Standard
SCRIBE 120 X 40 U	120 x 40	285	188.5	245	30.8	0.4 mm	Servomotor
SCRIBE 180 X 45 U	180 x 45	420	193	330.5	57.2	0.5 mm	Servomotor

Items in parenthesis indicate dimensions of extender for 25mm marking window

PINS AVAILABLE

Pin Model	Part Number	Description	75 x 15 SCRIBE	50 SCRIBE	60 SCRIBE	80 SCRIBE	120 SCRIBE	180 SCRIBE
243001	PM-002416	0.1 mm Nippled Pin	-	-	●	-	-	-
243002	PM-002417	0.15 mm Nippled Pin	-	●	●	●	-	-
243003	PM-001195	0.2 mm Nippled Pin	-	●	-	●	●	-
243004	PM-001830	0.3 mm Nippled Pin	-	-	-	-	●	●
243005	PM-002418	0.4 mm Nippled Pin	-	-	-	-	-	●
243006	PM-001499	140° Angle Pin (Standard)	-	●	●	●	●	●
243007	PM-001196	Scribe Pin for Plastics	-	●	●	●	●	●
243008	PM-002419	0.5 mm Nippled Pin	-	-	-	-	-	●
2433503	PM-001198	R14 for 75 x 15 Scribe	●	-	-	-	-	-

Other pin options may be available

● Available

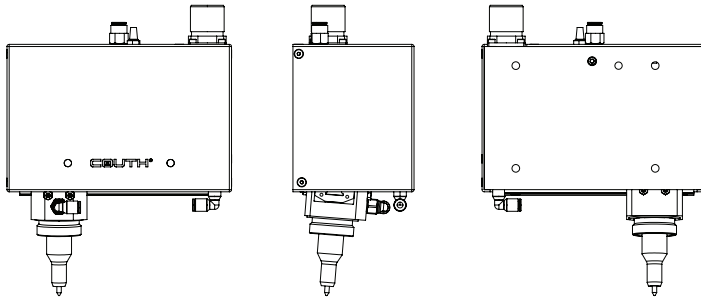
- Not Available



SCRIBE MARKING

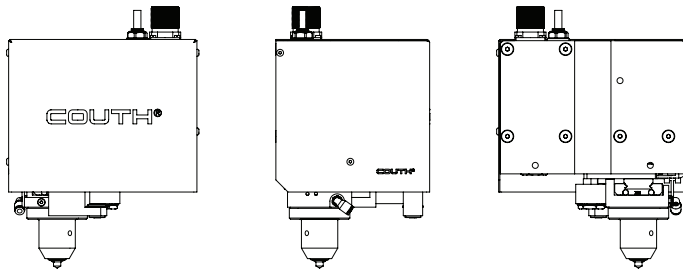
INTEGRABLE

SUPERFAST

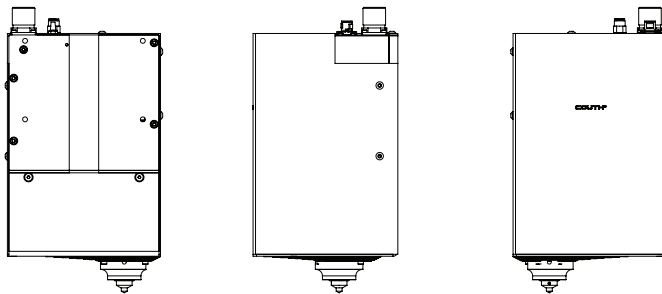


SCRIBE 75 x 15 U

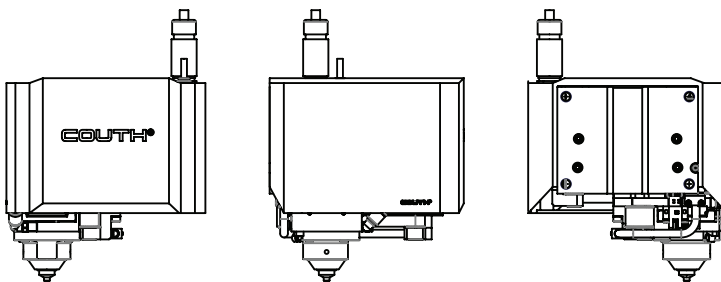
STANDARD



SCRIBE 60 x 40 U



SCRIBE 50 x 30 U

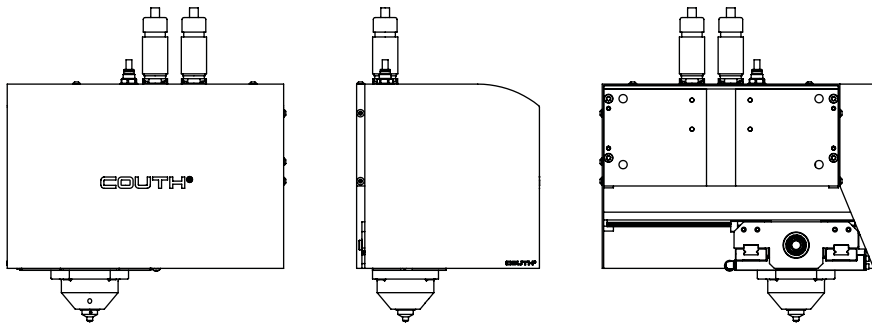


SCRIBE 80 x 80 U

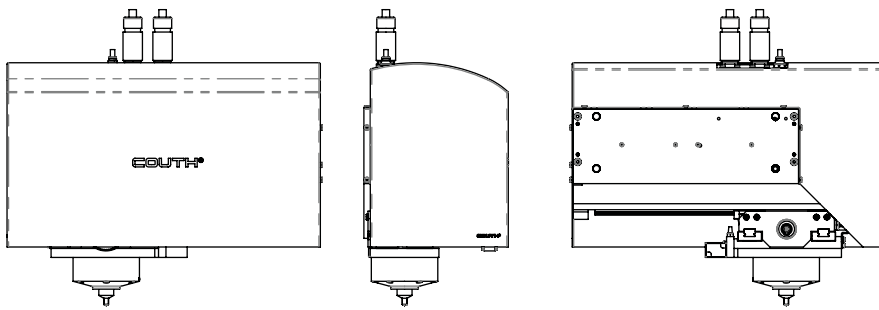


**SCRIBE
MARKING**

INTEGRABLE

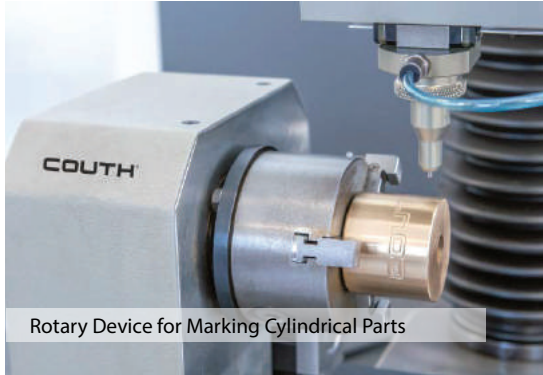


| SCRIBE 120 x 40 U



| SCRIBE 180 x 45 U

OPTIONS/ ACCESSORIES



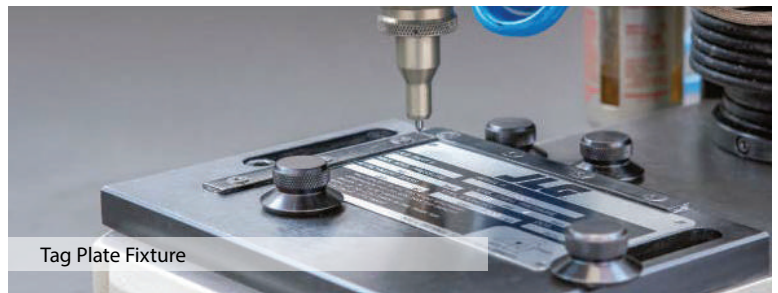
Rotary Device for Marking Cylindrical Parts



Tag Feeder



Plate Protective System



Tag Plate Fixture



Brackets



Barcode Scanner



Flange/Coupling Marker



Hot Marker

OTHER OPTIONS/ACCESSORIES

- Motorized Column
- Soft Cover Protection System
- Pneumatic Approaching System
- For more, see Pin Marking Options Catalog

COUTHSMARTBOX MARKING CONTROL UNIT

The COUTHsmartbox is a modular control unit to integrate with COUTH® dot peen and scribe marking units.



COUTHsmartbox

HMI

User interfaces are interchangeable and removeable.

Available in:

- Keypad*: 7" color screen built-in keypad.
- Touchscreen*: 10" color touchscreen
- Windows-based HMI: Downloadable application runs controller from computer.

*Reinforced options available

With just one HMI, you can manage multiple COUTHsmartboxes.



COUTHsmartbox + Touchscreen



7" screen and built-in keypad



10" touchscreen

Scribe Deep Markers require 220V special controller

ADVANTAGES

- Autonomous control system, does not require PC for operation.
- Ethermark connection available for main industrial field buses (Ethernet/IP, PROFINET, and Modbus).
- Reception of diagnostics in PLCs made by the COUTHsmartbox control unit.
- Removable and interchangeable screen.
- User interface features a color screen that is easier to see from various angles.

COUTHsmartbox CHARACTERISTICS

- Adjustable speed and marking depth.
- 11 input and 7 output programmable signals for connection to PLC.
- Straight line, inclined surface, arc, and mirror marking.
- Marking of consecutive numbers and repetitions, shifts, time, date, week, etc.
- Use software to setup marking of logos and special characters.
- Marking of square and rectangular Data Matrix codes and QR codes.
- Possibility to use and create any font requested by the customer.
- Adjustable character compression, expansion, spacing, italics, and marking density.
- Files of 40 lines, with 75 characters per line.
- Possibility to store up to 10,000 marking files.
- Allows the slave mode operation of a PC or PLC.
- RS-232 serial connection and Ethernet integration.
 - Available: EtherMark for EtherNet/IP, PROFINET, and Modbus.
- Possibility to connect barcode and Data Matrix readers.
- Possibility to connect plate feeder, swivel devices, jog systems, etc.
- Multi-language screen.
- Power supply: 110/120V; 50/60Hz.
- Front panel option for standard 19" rack dimensions.
- Meets European CE and UL standards.

ETHERMARK®

Do you need to push any sequence of data, even if non-incremental, to your marker?

EtherMark is MECCO's patent-pending technology solution that facilitates integration of marking systems into factory automation networks using Ethernet-based industrial protocols like EtherNet/IP, PROFINET, and Modbus. MECCO developed this integration architecture with embedded control technology to save manufacturers time and money by eliminating the need for custom programming of programmable logic controllers (PLCs), which was previously required in the marking industry.



NETWORK & HARDWARE SPECIFICATIONS

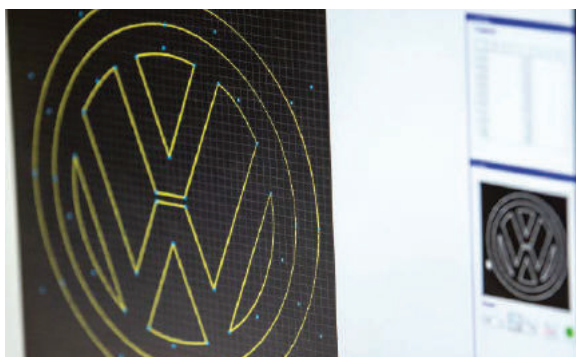
- Connection:** 10/100 Mbps Ethernet standard RJ45 port, to network and PLC
- IP Address:** Manually set fixed IP configured by user
- Firmware:** Flash firmware upgrade via Ethernet or USB
- Control:** Supervisory control of COUTH Dot Peen Marker
- Barcoding:** Dot Peen: Capable of up to 75 characters in a 2D barcode



COUTHvector

The COUTHvector logo generation software program designed by COUTH allows you to take full advantage of the vector-defined marking system.

This software allows the user to quickly and easily generate their own logos and then send them from from the PC to the control unit. Files are stored in the memory of the control unit for future use.

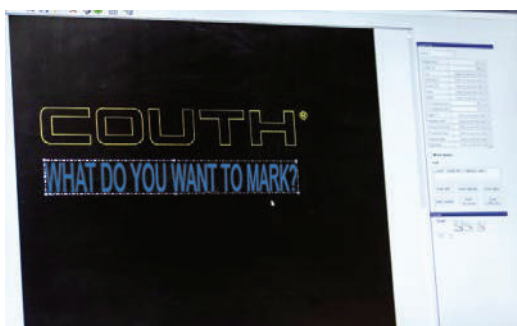


COUTHedit

COUTHedit is the graphic tool for creating and editing marking files for the COUTH control unit.

It allows the user to quickly and easily generate their own marking files and send them from the PC to the control unit. Files are stored in the memory of the control unit for future use.

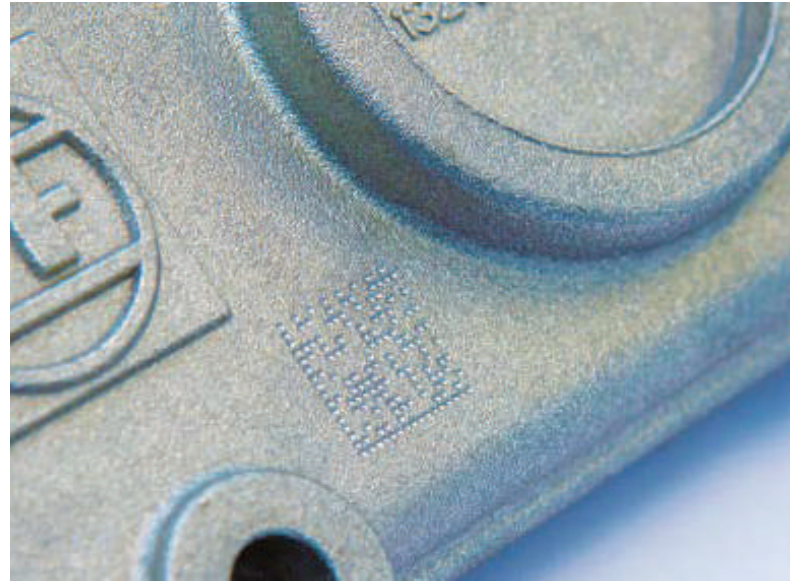
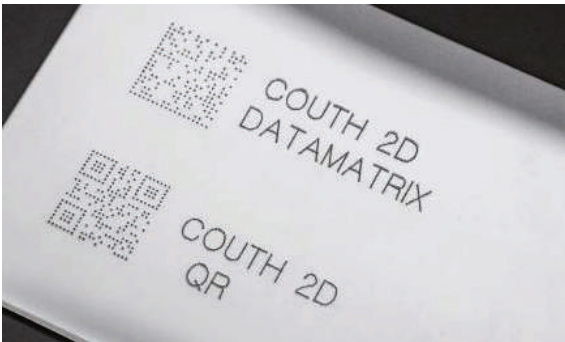
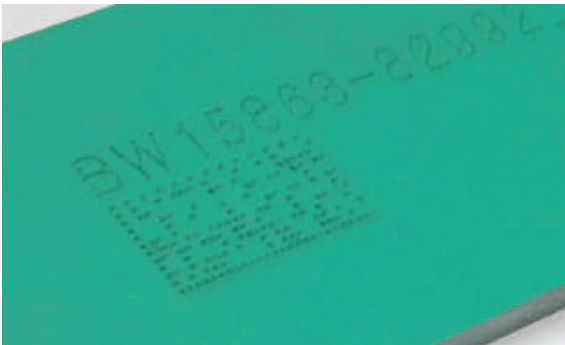
Use these files to mark from the application itself by importing the marking data from the database or entering them manually. It is also possible to modify different general parameters in the control unit and manage the contents of its internal memory.



DATA MATRIX ENCODING

Today's manufacturing standards call for identification and lifetime traceability for each product unit. The new COUTHsmartbox control unit makes Data Matrix code marking possible for all machine models.

Couth has marking units with precise definitions, as marking heads with both electromagnetic and pneumatic impact actuation, capable of carrying out any depth of mark for 2D Data Matrix coding.



CHARACTERISTICS

- Possibility of using a square or rectangular matrix.
- Storage of 1 to 3,116 numeric characters or 2,335 alphanumeric characters.
- Reed-Solomon error correction with data redundancy.
- The dot peen marking system is ideal for marking Data Matrix codes on metals and hard plastics.

The most common application is to mark codes in tight spaces. The code is read by a barcode scanner.

This infinitely scalable symbol can be read at any distance with a suitable combination of matrix size and reading device.



SERVICE & SUPPORT

OPERATOR TRAINING

A skilled workforce is one of your most valuable assets. Ensure new hires are comfortable with maintaining, programming, and using the equipment. Choose from customized virtual training webinars or on-site operator training of machine operations, troubleshooting, and preventative maintenance procedures.

SERVICE & REPAIRS

When you have a service issue, you don't have time to waste. Our technicians are on call to assess your needs and determine a solution. Then, we get to work, whether it's making repairs in-house, sending our service technicians or local field engineers directly to your operation, or we also offer virtual technician appointments for convenient online support.

PARTS

Need a new part now? We maintain an inventory of high-quality standard components such as pins, springs, and more so you can receive them within 24 hours of processing.

PREVENTATIVE MAINTENANCE PLANS

Preventative maintenance is vital to any manufacturing facility to avoid the unplanned downtime associated with reactive repairs. Boost efficiency, productivity, and profitability by scheduling our 12-point inspection of your pin marking systems, including the motor, drive system, connections, controller/firmware, and more.

VIRTUAL PRODUCT SUPPORT

Get 24/7 online training and troubleshooting support via Virtual Product Support: a library of engineering, training, and support resources, including videos and documentation for basic troubleshooting and repairs.

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