



PINSTAMP® PIN-MARKING
SOLUTIONS THAT PERFORM

Custom Engineering. The Extra Edge Telesis Provides

At Telesis, we have unequalled custom engineering capabilities. This means that while we offer the broadest range of standard marking systems in the industry, we can also readily customize a system to meet your most challenging needs. Whether it's a demanding cycle time, a difficult-to-access location, or error-proofing requirement, we can create a solution that's right for your situation.

We are experienced at optimizing performance, from producing integrated workstations down to designing unique configurations of the pins and cartridges. In fact, at Telesis we have 45 pin designs and more than 1,000 cartridge-pin combinations from which to select, with new configurations added on a regular basis.

In short, no one goes the extra mile to assure your pin-marking satisfaction like Telesis.

PinStamp Pin-marking Systems

All PinStamp pneumatic pin-marking systems are based on our revolutionary "floating pin" technology, which was developed by Telesis and patented in 1985. This technology enables PinStamp marking systems to accommodate surface irregularities up to 6mm (.25") and mark clearly and reliably on many types of materials.

Telesis also offers the broadest range of multiple-pin markers to further enhance speed and productivity. Our roots are in multiple-pin designs, and we continue to innovate new solutions as requirements increase.

Rugged and Low Maintenance

Every PinStamp marking system is designed tough, to stand up to the daily vibration, shock and abuse common on a factory floor. This means less maintenance and increased reliability over a long period of time.



TELESIS: DECADES OF PIN-MARKING EXPERIENCE, PLUS A TRADITION OF INNOVATION.

Since 1971, Telesis Technologies, Inc. has been designing, customizing and manufacturing pin-marking systems that enable reliable product and part identification. Our PinStamp® line of pin-marking systems, proudly manufactured in the U.S., is the most trusted and recognized brand in the industry, giving our customers the confidence they need to achieve consistent product identification and traceability.

In today's world, product traceability is a top priority for many companies, and Telesis PinStamp pin-marking systems are at the forefront of the industry, providing the solutions that fit the needs of high-profile companies around the world.

By creating breakthrough innovations for challenging situations, and then making those innovations readily available in our standard products, we keep our clients at the leading edge of permanent marking.



Our installed base: a record of unmatched success.

Many of the world's top companies look to Telesis for their pin-marking solutions. These companies include:

BMW
Visteon
ThyssenKrupp
Volkswagen
GM
Toyota
Ford
Nissan
Daimler
Chrysler
Volvo
Hyundai
Federal Mogul
Delphi
Eaton
Continental Teves
Denso
Aisin
Hitachi
Caterpillar
Komatsu
Cummins
Schlumberger
Aarbakke
Boeing
United Technologies
Goodrich
Honeywell
Corus
Alcoa
Baosteel
ArcelorMittal
Parker Hannifin
Timken
Emerson
Kennametal



Versatile Permanent Marking Systems

Telesis makes versatile, permanent pin-marking systems that are extremely flexible and can be used in a wide array of applications ranging from benchtop to high-speed, automated on-line marking.

TMP1700

The most widely used permanent pin-marking system in the world, compact and easy to use. The 63.5 x 38mm (2.5 x 1.5") marking window satisfies most basic product identification needs.

TMP3200

Similar to the 1700 but with a larger 150 x 100mm (6 x 4") window for higher-content marks such as data plates.

TMP6100

Unparalleled flexibility with a 304 x 152mm (12 x 6") window, ideal for marking a wide range of components or for batch processing. Features an open robotic design that makes part loading and positioning easy.



Compact Handheld Systems

These systems provide maximum marking capability and are designed primarily for handheld applications. They also find use in online or benchtop applications due to their compact size.

TMP4210

This versatile marker provides an unmatched combination of light weight and robust design for demanding applications.

TMP4215

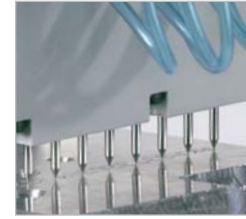
This dual-pin design doubles the marking window of the TMP4210 allowing, for example, marking of combination alpha-numeric / 2D codes.

TMM4200

With up to 4 pins, this unit provides high-speed marking to achieve increased throughput in online applications or to reduce fatigue and mis-marking in handheld applications.

TMM4250

Similar to the 4200 but equipped with a NEMA 12 (IP55)-rated enclosure and an industrial-grade nitrile rubber boot, this model provides enhanced protection from dirty or wet environments.



Specialty Solutions

Telesis has developed a range of specialty solutions designed to meet the more challenging or unique marking needs.

TMM5100

With up to six pins mounted on an extended cartridge, this system provides the ability to reach deep into tight locations and mark quickly.

TMM5400

With up to 8 pins on tight spacing, this is the fastest marker in the industry. The compact marking head is well suited for integration into high-speed production lines.

TMP7000/TMM7200

Up to 21 pins in nearly any imaginable configuration with a large, flexible marking area. These markers are designed to carry our heaviest pins to deeply mark hard materials at outstanding speeds, in the most challenging manufacturing environments.

Performance Chart

	Marking Window	Marking Head Weight	Max. Marking Speed*	Controllers	Number of Pins	2D Code Capability	Pin Type
TMP1700	63.5 x 38mm (2.5 x 1.5")	2.9 kg (6.4 lbs.)	6 char./sec.	TMC420, TMC090/PC	1	Yes	Pneumatic or Electric
TMP3200	150 x 100mm (6 x 4")	6.8 kg (15.0 lbs.)	6 char./sec.	TMC420, TMC090/PC	1	Yes	Pneumatic or Electric
TMP6100	304 x 152mm (12 x 6")	7.6 kg (16.8 lbs.)	3 char./sec.	TMC090/PC	1	Yes	Pneumatic or Electric
TMP4210	50 x 13mm (2 x 0.5")	1.9 kg (4.2 lbs.)	3.5 char./sec.	TMC420	1	Yes	Pneumatic
TMM4215	100 x 13mm (4 x 0.5")	2.0 kg (4.4 lbs.)	5 char./sec.	TMC420	2	Yes	Pneumatic
TMM4200	Up to 50 x 13mm (2 x 0.5")	1.9 kg (4.2 lbs.)	8 char./sec.	TMC420	Up to 4	Yes	Pneumatic
TMM4250	Up to 50 x 13mm (2 x 0.5")	2.2 kg (4.9 lbs.)	8 char./sec.	TMC420	Up to 4	Yes	Pneumatic
TMM5400	96 x 13mm (3.78 x 0.5")	2.7 kg (5.9 lbs.)	16 char./sec.	TMC420	Up to 8	Yes	Pneumatic
TMM5100	114 x 16mm (4.5 x 0.63")	4.9 kg (10.8 lbs.)	6 char./sec.	TMC420	Up to 6	No	Pneumatic
TMP7000	150 x 100mm (6 x 4")	10.0 kg (22.0 lbs.)	2 char./sec.	TMC420	1	No	Pneumatic
TMM7200	Up to 64 sq. in.	30.4 kg (67.0 lbs.)	14 char./sec.	TMC420, TMC700	Up to 21	No	Pneumatic

Controller Options

TMC420

This fully integrated industrial marking system controller has a 4-line LCD display, rugged sealed keyboard, compact package, and easy-to-learn pattern design software. It is also available in panel-mount or NEMA enclosures for more challenging environments.

TMC090

This controller, used with a PC, allows for outstanding pattern design or graphics capabilities using Telesis advanced Merlin II visual design software.

A Full Range of Product Options

The vast catalog of accessories and options available to accompany PinStamp marking systems makes it easy to create a station that suits your needs. From manual and programmable toolposts and rotary drives to debris shields and standoffs, our markers are designed to be flexible to meet the challenges of your application. When combined with bar-code scanners or 2D code reading and verification systems, a PinStamp marker can easily become a part of your total manufacturing control system. If you need a full turnkey solution with material handling, part clamping, vision, or customized software designs, Telesis has hundreds of years of collective experience in providing such systems. No project is too big or small for us to address.

Training and Service

We offer a broad range of flexible training packages for customers, ranging from basic operations and maintenance to advanced programming. This training can be conducted at our facilities with the full capabilities of our application centers at your disposal, or we can bring the training to your facility.

Our highly trained staff of dedicated service technicians is ready to offer unmatched service and responsiveness. This service is available around the world through our seven international locations and a network of more than 100 distributors and representatives.

Since periodic maintenance is critical to your PinStamp system performance, we also offer Planned Maintenance programs – structured to accommodate your specific needs – that can maximize your uptime. Our exchange program helps keep your equipment running and avoid emergencies. We also offer upgrade programs to help keep your equipment up to pace with your marking needs.

Every Telesis PinStamp system carries a complete parts and service warranty. Extended Service Warranties are available for all Telesis equipment and systems.





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For more information on PinStamp® Pin-marking systems,
or for your Laser Marking or TeleScribe® Marking brochure
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