

THE TELESIS GUIDE

A comprehensive overview of
products and services from
the permanent marking and
traceability experts.

LASER MARKING SYSTEMS

PINSTAMP® DOT PEEN

TELESCRIBE® MARKING SYSTEMS

CUSTOM ENGINEERED SOLUTIONS



TELESIS IS DIFFERENT



THE PIONEERS

As Telesis PINSTAMP® systems remain **the gold standard** in dot peen marking, our team consistently brings game-changing products to market. Our Fiber laser markers introduced new technology to permanent marking and together with our Infrared, Green, UV, and CO2 markers continually push the boundaries of industrial marking. Forward-thinking Telesis-developed vision systems **create catalysts for industrial automation.**



RUGGED & RELIABLE

Telesis equipment is **built to last**. We engineer our laser marking systems and dot peen markers with **high-quality, robust materials** that stand up to the challenges of tough environments. Highest quality laser sources, powder-coated metals, damage-proof screens, and sturdy materials are just some of the reasons our customers experience **fewer problems, less down time, and greater production efficiency.**



THE WIDEST ARRAY

Whether you need an off-the-shelf bench-top PINSTAMP® marker or want a custom engineered integrated laser system, **Telesis has the product lineup, the know-how, and specialized service offerings** to make it happen. Also, running all your marking equipment with the same great proprietary MERLIN® software **requires less employee training and more cross-functionality** in your operations.



ONE-STOP SHOP

Ditch the confused and fragmented individual service providers and **let us take care of everything.** From equipment, to software, to customization and integration, we'll design an fully support all aspects of a **turnkey solution that meets your unique needs.** Ongoing maintenance programs and on-call service will ensure your investment is **long lasting and always efficient.**



THE BEST PEOPLE

We take our customers seriously. Team Telesis is united by the mission of delivering the ultimate experience at every step of our customers' journeys. Whether you are working with the expert sales team, talking to our network of strategic partners, chatting with our customer service team, or designing a custom solution with our engineers, **you will be wowed by the dedication and knowledge** we possess.

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Automotive

**Aerospace
& Defense**

**Medical
& Pharma**

Foodpack

**Consumer
Products**

**Semiconductors
& Electronics**

Telesis Technologies is a trusted partner to the most demanding manufacturers across a **wide range of established and emerging industries.**



Laser Marking Systems

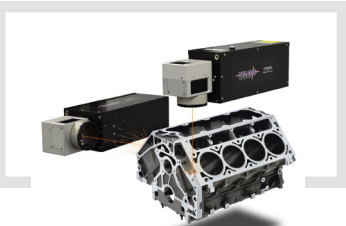
*" All of your employees seem
to be willing and able to give
that "little bit extra" to make
everything go right. "*

- Ed Reinemeyer, Federal-Mogul

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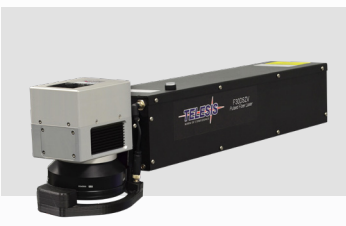
Laser Marker Overview

Dual-Head



The innovative, patented Telesis dual-head laser system is **perfectly suited for advanced applications that require rapid processing**. The multi-head design of this laser offers the **unique ability to control two laser markers with the same controller**, reducing overall footprint and lowering the cost of operation. It is the industry's **only fiber laser system of its kind to be entirely air cooled and powered from a single-phase power outlet**.

Fiber



The Telesis Fiber laser marking system is the **most versatile marking technology** due to its **adaptability, minimal maintenance, and the total elimination of consumables** from the marking process. They are most used in metal and plastic processing industries for **precise and efficient direct marking** of parts and products. From automotive manufacturing through medical and security technology to electronics, Telesis Fiber delivers.



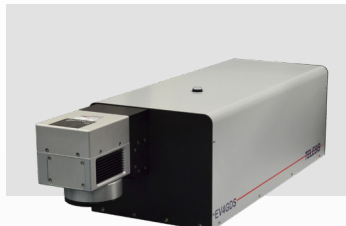
Ultraviolet



The 355 nm UV laser wavelength is versatile in marking a wide range of materials and **perfect for "cold marking" applications where heat-affected zones are not allowed**—the machine is **great for marking plastics and silicon materials without additives and can mark glass with a reduced risk of micro-fracture**. The very small high-quality beam spot makes **precision micro-marking with extremely sharp resolution** possible.



Green



The Telesis EV4GDS is a fiber-coupled, diode-pumped, solid-state (DPSS) green wavelength system. The laser beam characteristics are **optimized for applications that require high beam quality and stability**. The EV4GDS offers **extra power and speed**—the ideal choice for laser marking, scribing, and trimming. The robust mechanical and optical design of the Telesis EV4GDS **enables operation in an industrial environment where shock, vibration, and dust are a concern**.



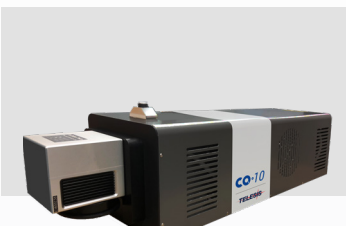
Infrared



E-Series diode-pumped YAG and vanadate laser markers offer **improved beam quality, increased depth of focus, and higher peak powers** compared to fiber lasers—for fine marking, heat-sensitive materials (metal, foils, silicon, plastics, etc.) and **applications where high consistency is required**.



CO2



Proven CO2 systems provide a galvo-steered beam. It is an **excellent choice for heavy use and high-duty cycle environments** and is beneficial to **label and packing operations** as it removes the need for consumables and speeds process. **Equally capable at stationary bench-top use and mark-on-the-fly installations**, this machine can mark up to 1300 characters per second in automated environments.



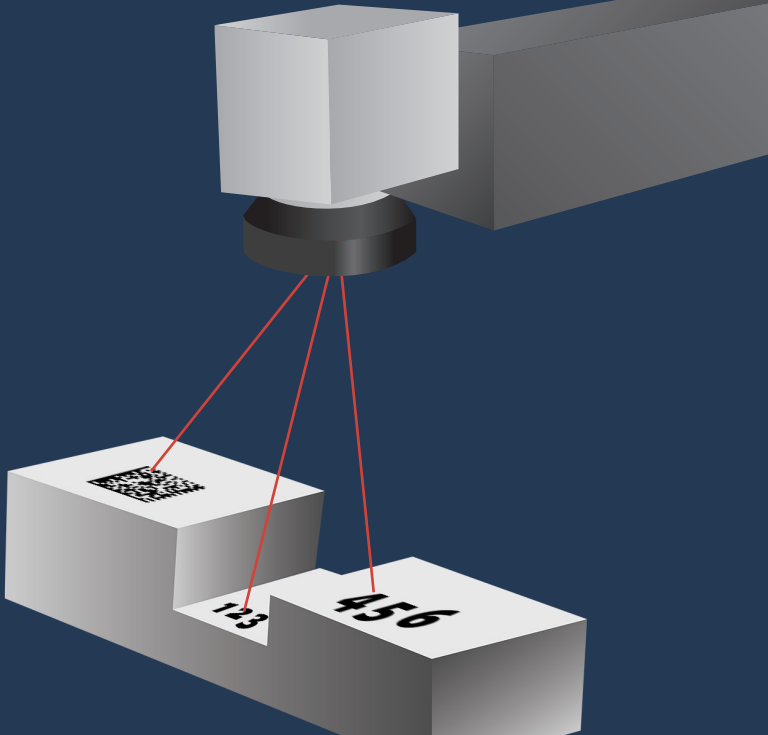
Technology Options

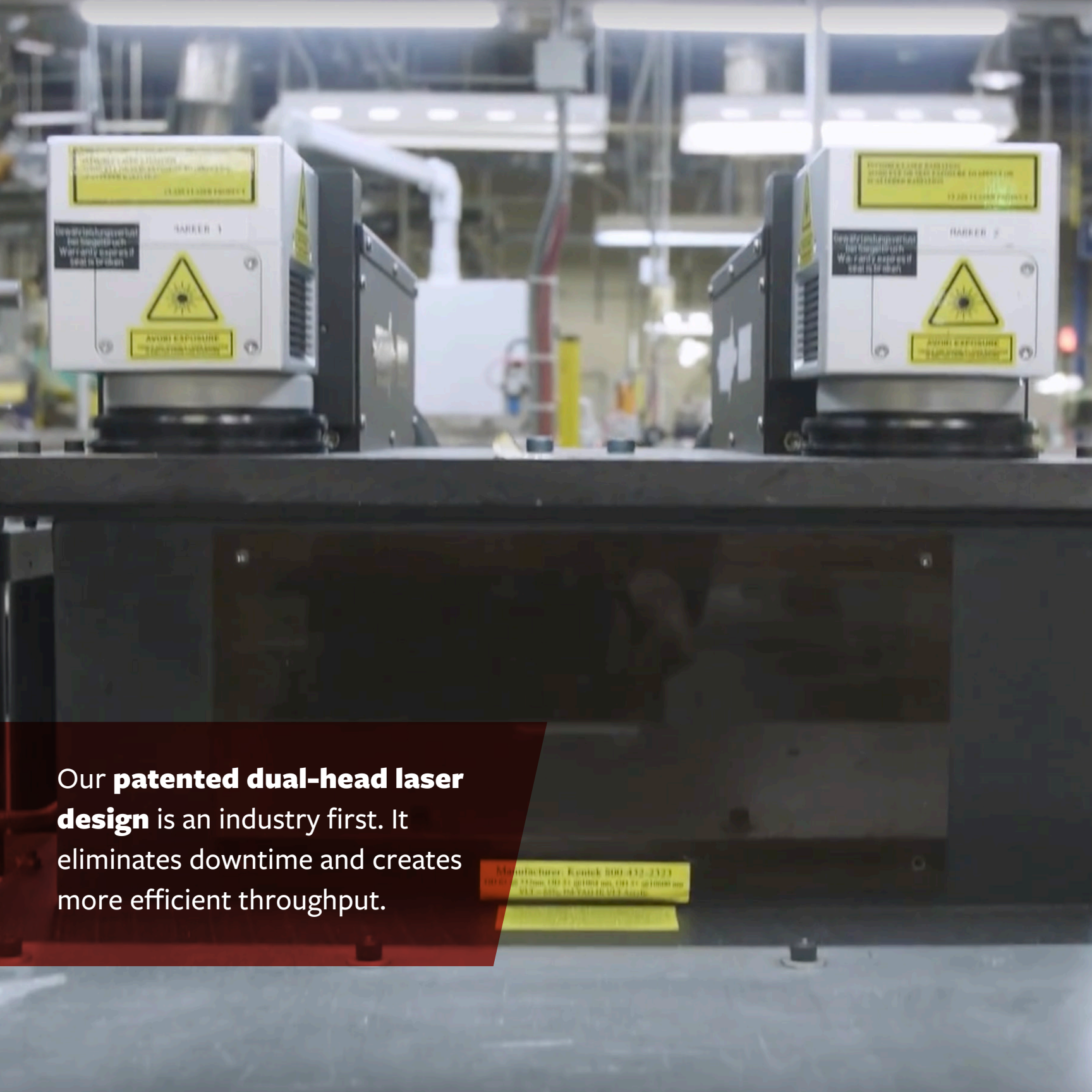
Vari-Z™ 3-Axis

Vari-Z™ 3-Axis Laser Markers are perfectly suited for advanced applications that require processing of non-flat parts, multiple planes, and uneven surfaces. The Telesis Vari-Z™ technology and software increases the focal range, helping to eliminate the need for tooling changes and saving time and money.

AutoFocus

Additionally, the AutoFocus function option on Vari-Z™ model lasers allows the marker to automatically compensate for varying target heights. This displacement sensor allows the machine to continuously compensate for changes in material thickness.



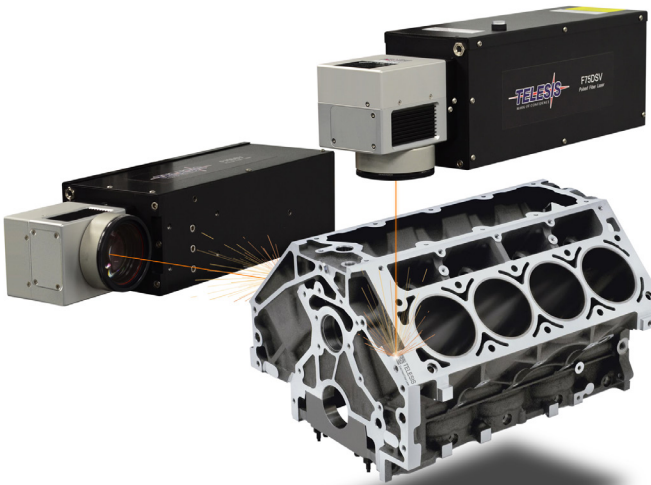


Our **patented dual-head laser design** is an industry first. It eliminates downtime and creates more efficient throughput.

Double the Capability with One Controller

DUAL-HEAD LASER MARKING SYSTEM

- Increases throughput in high-speed and repetitive applications
- Allows for the unique ability to **control two lasers from the same controller**
- Saves floor space and reduces part handling by the operator
- Creates unmatched marking efficiency and operating productivity



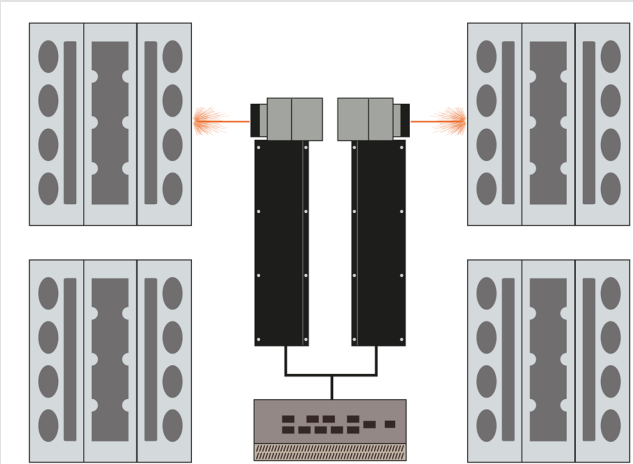
Models	
F30V	30 Watt
F50V	50 Watt

Controllers	
Model 6	External PC
F14A	Embedded PC

Technology Options	
Vari-Z™ 3-Axis	
iZONIT™ Vision System	
Teleview™ Quality Control	
Mark-on-the-Fly Software	

Software	
Proprietary Merlin® 2H	

Lens Configurations						
Diameter	Marking Area				Working Clearance	
100 mm	2.56 in	x	2.56 in	65 mm x 65 mm	3.86 in	98 mm
160 mm	3.54 in	x	3.54 in	90 mm x 90 mm	6.93 in	176 mm
163 mm	4.33 in	x	4.33 in	110 mm x 110 mm	7.28 in	185 mm
254 mm	6.89 in	x	6.89 in	175 mm x 175 mm	11.65 in	296 mm
330 mm	9.06 in	x	9.06 in	230 mm x 230 mm	15.23 in	387 mm
350 mm	9.84 in	x	9.84 in	250 mm x 250 mm	15.43 in	392 mm
420 mm	11.42 in	x	11.42 in	290 mm x 290 mm	19.45 in	493 mm



DUAL-HEAD
FIBER
INFRARED
GREEN
UV
CO ₂
ENCLOSURES

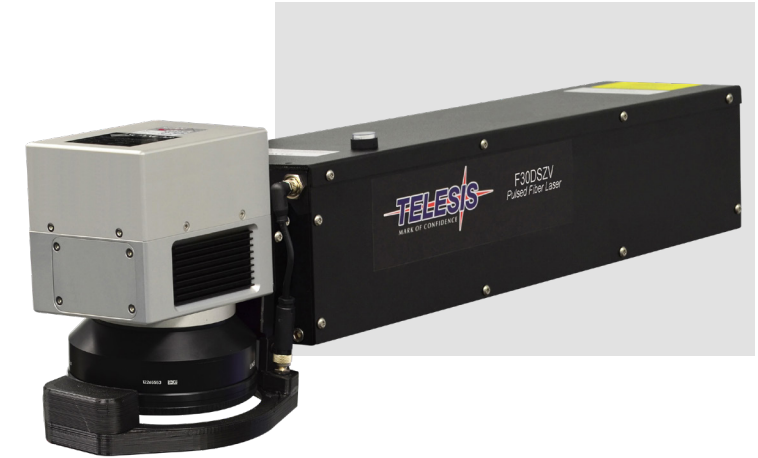


Telesis Technologies **helped perfect fiber laser marking technology**—now the gold standard in laser marking.

Cleaner Marks in Less Time

FIBER LASER MARKING SYSTEM

- Features superior beam technology** for fast and efficient marking
- Contains high quality components** are ruggedly industrial and durable
- Outperforms higher powered systems**
- Safe in non-climate controlled environments** where shock, vibration, and dust are a concern



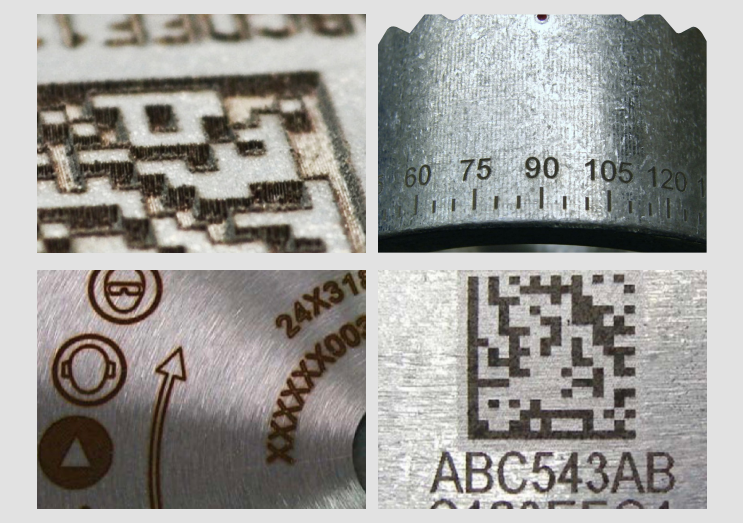
Models	
F30V	30 Watt
F50V	50 Watt

Controllers	
Model 6	External PC
F14A	Embedded PC

Technology Options	
Vari-Z™ 3-Axis	
iZONIT™ Vision System	
Teleview™ Quality Control	
Auto-Focus	

Software	
Proprietary Merlin® II LS	

Lens Configurations						Working Clearance	
Diameter	Marking Area						
100 mm	2.56 in	x	2.56 in	65 mm	x 65 mm	3.86 in	98 mm
160 mm	3.54 in	x	3.54 in	90 mm	x 90 mm	6.93 in	176 mm
163 mm	4.33 in	x	4.33 in	110 mm	x 110 mm	7.28 in	185 mm
254 mm	6.89 in	x	6.89 in	175 mm	x 175 mm	11.65 in	296 mm
330 mm	9.06 in	x	9.06 in	230 mm	x 230 mm	15.23 in	387 mm
350 mm	9.84 in	x	9.84 in	250 mm	x 250 mm	15.39 in	391 mm
420 mm	11.42 in	x	11.42 in	290 mm	x 290 mm	19.45 in	493 mm



Dimensions

	w/o Vari-Z™	w/ Vari-Z™
	5.076 in 128.9 mm	6.32 in 160.5 mm

	w/o Vari-Z™	w/ Vari-Z™
	5.991 in 152.2 mm	5.221 in 140.2 mm
	22.791 in 578.9 mm	26.311 in 669.3 mm

DUAL-HEAD
FIBER
INFRARED
GREEN
UV
CO ₂
ENCLOSURES



The EVCDS laser **creates a near infrared wavelength laser beam** using innovative technology.

Versatile Marking on a Range of Materials

INFRARED LASER MARKING SYSTEM

Low-cost engraving and annealing for a wide array of product materials including ferrous and non-ferrous metal, label materials, and silicon

Precise setting controls for fine-tuned application versatility: Engraving, annealing, surface marking, and color marking

Very small HAZ (heat-affected zone) provides additional **flexibility with heat-sensitive and delicate components**

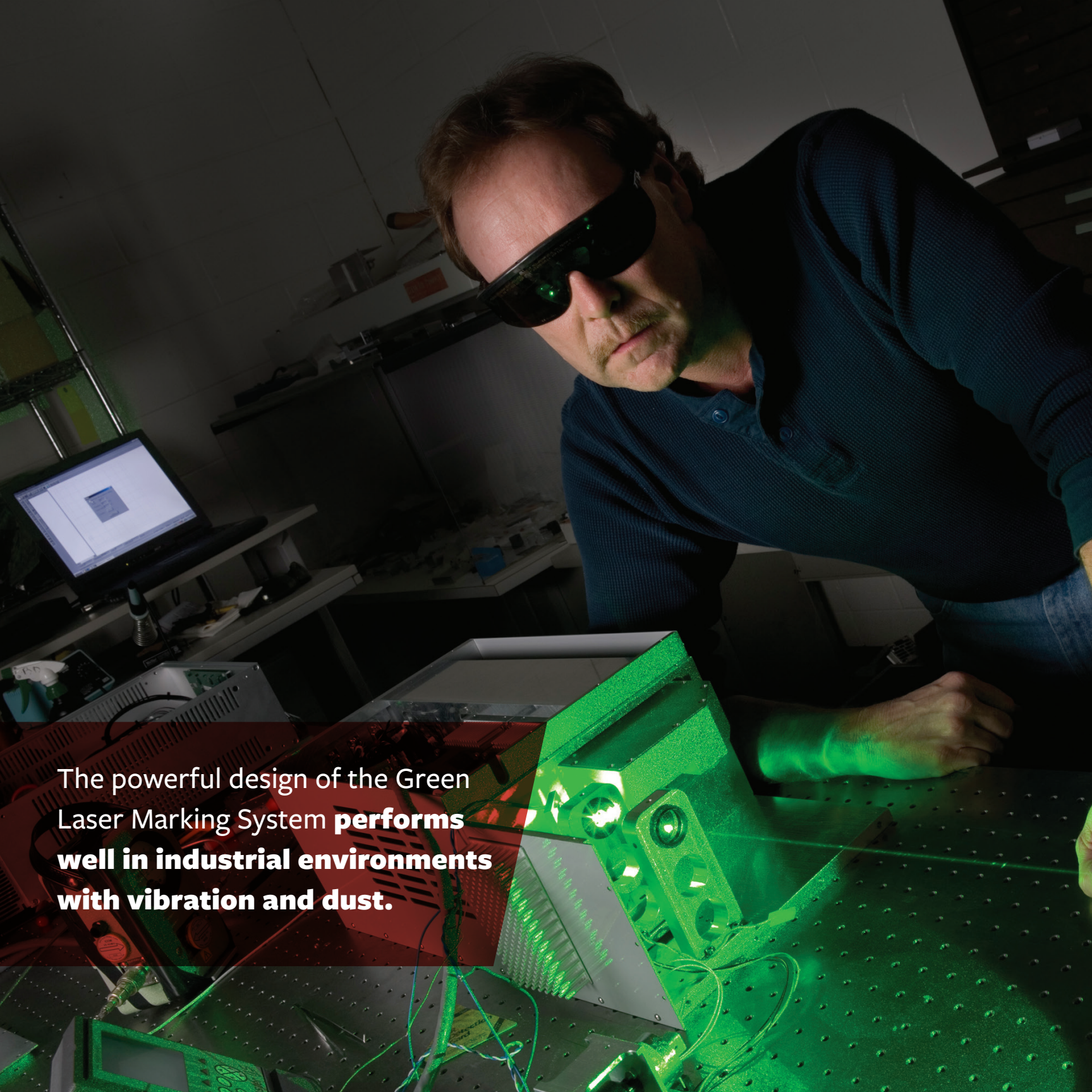


Models		Technology Options	
EVCDS		Vari-Z™ 3-Axis	
		iZONIT™ Vision System	
		Auto-Focus	
Controllers		Software	
EV15	External PC	Proprietary Merlin® II LS	
EV15E	Embedded PC		

Lens Configurations						
Diameter	Marking Area				Working Clearance	
100 mm	2.56 in	x	2.56 in	65 mm x 65 mm	3.54 in	90 mm
160 mm	4.33 in	x	4.33 in	110 mm x 110 mm	6.93 in	176 mm
160 mm	4.33 in	x	4.33 in	110 mm x 110 mm	11.3 in	288 mm
210 mm	5.51 in	x	5.51 in	140 mm x 140 mm	7.24 in	184 mm
250 mm	6.89 in	x	6.89 in	175 mm x 175 mm	10.50 in	292 mm
254 mm	6.89 in	x	6.89 in	175 mm x 175 mm	11.65 in	296 mm
330 mm	9.06 in	x	9.06 in	230 mm x 230 mm	18.86 in	479 mm
420 mm	11.42 in	x	11.42 in	290 mm x 290 mm	19.41 in	493 mm



Dimensions	
6.10 in 154 mm	
5.55 in 141 mm	
24.0 in 510 mm	
TELESIS	
DUAL-HEAD	
FIBER	
INFRARED	
GREEN	
UV	
CO ₂	
ENCLOSURES	



The powerful design of the Green Laser Marking System **performs well in industrial environments with vibration and dust.**

Extra Power for Robust Applications

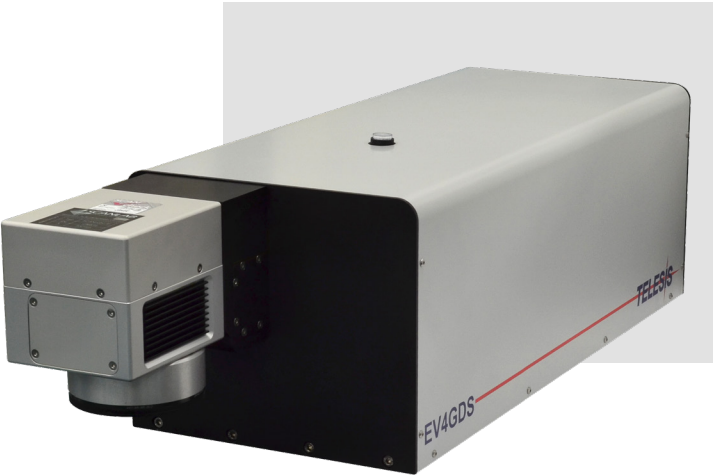
GREEN LASER MARKING SYSTEM (EV4GDS)

Provides cold marking for **ultra-fine and very soft marking on parts**

Great option for marking materials that usually react poorly to infrared wavelengths

Wonderful for **micro-marking**, like 2D matrix codes, as well as detailed graphic logos

Changes surface color for legible marks **without burning** the material



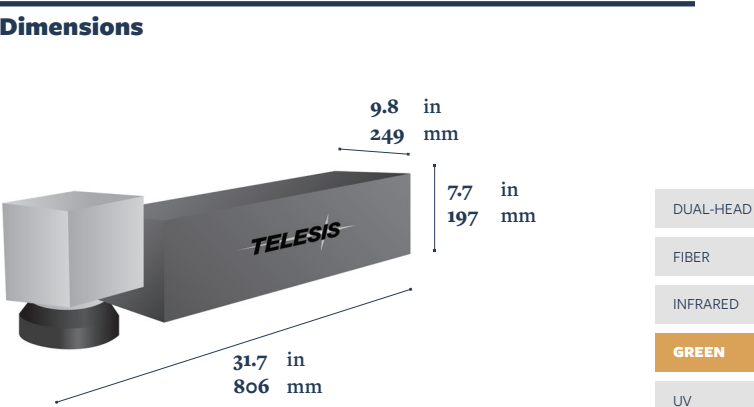
Models
EV4GDS

Technology Options
iZONIT™ Vision System
Mark-on-the-Fly Technology

Lens Configurations								
Diameter	Marking Area						Working Clearance	
100 mm	2.17 in	x	2.17 in	55 mm	x	55 mm	3.54 in	90 mm
160 mm	4.33 in	x	4.33 in	110 mm	x	110 mm	6.93 in	176 mm
254 mm	6.69 in	x	6.69 in	175 mm	x	175 mm	11.65 in	296 mm
330 mm	11.42 in	x	11.42 in	290 mm	x	290 mm	15.24 in	387 mm

Controllers	
EV15	External PC
EV15E	Embedded PC

Software
Proprietary Merlin® II LS



DUAL-HEAD
FIBER
INFRARED
GREEN
UV
CO ₂
ENCLOSURES



The UV/one **offers impressive all-in-one design and an incredible focal tolerance.**

Ultra Crisp Marks on Challenging Materials

ALL-IN-ONE ULTRAVIOLET LASER MARKING

All-in-one marker/controller design **saves space** in your facility with a compact footprint for **easy integration** into production lines

Through suppressed heat effects, burrs and yellow tinting are eliminated, allowing for a **nearly perfect finish**

Completely eliminate day-to-day consumables and **reduce operational costs**



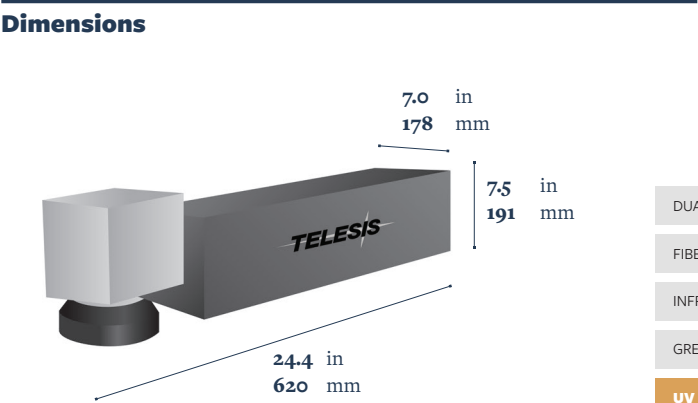
Models
UV/one

Technology Options
iZONIT™ Vision System
Rotary Drive Fixture
Programmable Tool Post

Lens Configurations				Working Clearance	
Diameter	Marking Area				
	5.9 in	x	5.9 in	150 mm	x 150 mm
				9.409 in	239 mm

Controllers
ZXX

Software
Proprietary Merlin® II LS



DUAL-HEAD
FIBER
INFRARED
GREEN
UV
CO ₂
ENCLOSURES



The UVC marks plastics and silicone **without the need of additives** and marks glass with a **reduced risk of microfracture**.

Damage-Free Versatility

ULTRAVIOLET LASER MARKING SYSTEM

Versatile in **marking a wide range** of materials

Perfect for “cold marking” where heat-affected zones are damaging or aesthetically unacceptable

Eliminates additives when marking plastic, silicone materials

Reduces risk of micro-fracture when marking glass micro-mark electronics, circuit boards, microchips, solar panels, gemstones, and medical instruments



Models

UVCDS

- Technology Options
- Vari-Z™ 3-Axis
- iZONIT™ Vision System
- Mark-on-the-Fly Technology

- ### Controllers
- EV15 External PC
 - EV15E Embedded PC

Software

Proprietary Merlin® II LS

Lens Configurations						
Diameter	Marking Area				Working Clearance	
103 mm	2.56 in	x	2.56 in	65 mm x 65 mm	5.35 in	136 mm
160 mm	4.33 in	x	4.33 in	110 mm x 110 mm	8.58 in	218 mm
250 mm	6.10 in	x	6.10 in	155 mm x 155 mm	12.2 in	310 mm
255 mm	6.69 in	x	6.69 in	170 mm x 170 mm	12.36 in	314 mm

Dimensions

w/o Vari-Z™	w/ Vari-Z™	
6.7 in 170 mm	7.06 in 179 mm	
		w/o Vari-Z™
		6.03 in 153 mm
		w/ Vari-Z™
		7.43 in 189 mm
w/o Vari-Z™	w/ Vari-Z™	
22.06 in 560 mm	29.94 in 760 mm	

- DUAL-HEAD
- FIBER
- INFRARED
- GREEN
- UV**
- CO₂
- ENCLOSURES



For organic materials like wood, the CO2 line of laser marking systems can't be beat.

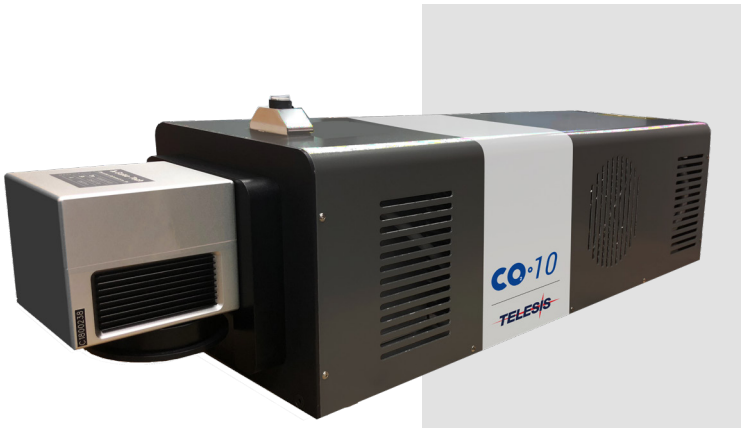
Proven Flexibility and Practicality

CO₂ LASER MARKING SYSTEM

Great for marking organic materials like wood, rubber, paper, and ceramic

Equally capable at stationary bench-top use and mark-on-the-fly installations

Excellent choice for heavy industrial and high-duty cycle applications



Models

- CO₂ • 10 10 Watt
- CO₂ • 30 30 Watt

Technology Options

- iZONIT™ Vision System
- Mark-on-the-Fly Technology

Controllers

- Model C10

Software

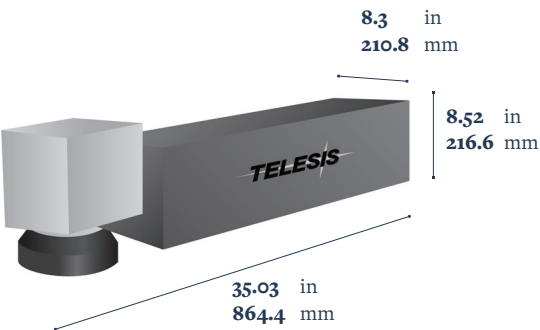
- Proprietary Merlin® II LS

Lens Configurations

Diameter	Marking Area				Working Clearance	
100 mm	2.76 in	x	2.76 in	70 mm x 70 mm	3.19 in	81 mm
160 mm	4.33 in	x	4.33 in	110 mm x 110 mm	5.15 in	131 mm
210 mm	5.51 in	x	5.51 in	140 mm x 140 mm	7.24 in	184 mm
350 mm	9.84 in	x	9.84 in	250 mm x 250 mm	0.00 in	000 mm



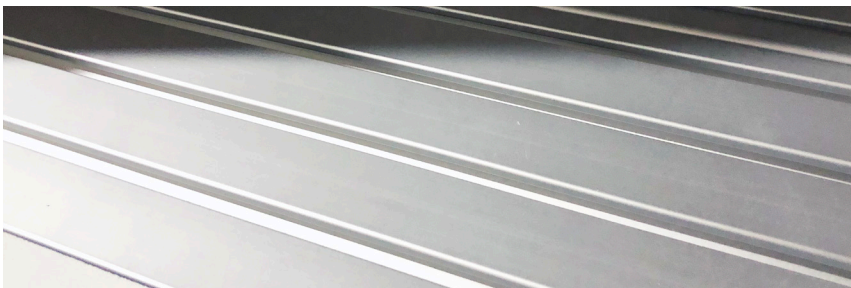
Dimensions



- DUAL-HEAD
- FIBER
- INFRARED
- GREEN
- UV
- CO₂
- ENCLOSURES

Technical Laser Matrix

	FIBER	ULTRAVIOLET		CO2	INFRARED		GREEN	
MODEL	F30 / F50	UVC	UV/one	CO2 • 10 / Co2 • 30	EVCDS	EV15DS	EV40	EV4GDS
MARK DESCRIPTION WAVE LENGTH AVERAGE POWER PULSE FREQUENCY POSITIONING	Q-SWITCHED YTTERBIUM FIBER 1060 NM UP TO 30 WATTS 33 - 120 KHZ VISIBLE RED DIODE LIGHT	FIBER-COUPLED DPSS 355 NM UP TO 2 WATTS VISIBLE RED DIODE LIGHT	FIBER-COUPLED DPSS 355 NM UP TO 1 WATT VISIBLE RED DIODE LIGHT	SEALED-TUBE, CARBON DIOXIDE 10.6 MICROMETERS (µM) 10 WATTS VISIBLE RED DIODE LIGHT	FIBER-COUPLED DPSS 1064 NM UP TO 15 WATTS VISIBLE RED DIODE LIGHT	FIBER-COUPLED DPSS 1064 NM UP TO 20 WATTS VISIBLE RED DIODE LIGHT	FIBER-COUPLED DPSS 1064 NM UP TO 55 WATTS VISIBLE RED DIODE LIGHT	FIBER-COUPLED DPSS 532 NM UP TO 10 WATTS VISIBLE RED DIODE LIGHT
LASER HEAD (IN) (LXWXH) LASER HEAD (MM) (LXWXH) VARI-Z HEAD (IN) VARI-Z HEAD (MM) LASER HEAD WEIGHT	22.791 X 5.076 X 5.991 578.9 X 128.9 X 152.2 26.311 X 6.32 X 5.221 668.3 X 160.5 X 140.2 16.84 LBS (7.64 KG)	22.06 X 6.7 X 6.03 560 X 170 X 153 29.94 X 7.06 X 7.43 760 X 179 X 189 46 LBS (20.8 KG)	24.41 X 7.0 X 7.5 620 X 178 X 191 32 LBS (14.5 KG)	34.03 X 8.301 X 8.52 864.4 X 210.8 X 216.6 56 LBS (25.4 KG)	24 X 6.1 X 5.55 610 X 154 X 141 33 LBS (15 KG)	28.3 X 6.4 X 7.5 719 X 162 X 191.6 44 LBS (20 KG)	29.3 X 8.8 X 9.3 743.1 X 223.7 X 235.6 44 LBS (20 KG)	31.73 X 9.783 X 7.44 805.95 X 248.49 X 196.68 55 LBS (25 KG)
CONTROLLER CONTROLLER (IN) (LXWXH) CON- TROLLER (MM) (LXWXH) CONTROLLER WEIGHT	F14A, MODEL 6, I16 20.12 X 17.25 X 8.38 511.048 X 438.2 X 212.7 60 LBS (27.27 KG)	U15 10 X 16.74 X 5.53 254 X 425.19 X 140.46 15 LBS (6.803 KG)	17.3 X 8.3 X 17.3 439 X 211 X 439 35.5 LBS (16.1 KG)	C18 or C18E 18 X 17.340 X 5.53 457 X 440 X 140 22LBS (9.98KG)	E15 15.5 X 18.24 X 5.52 393.7 X 437.9 X 140.2 33 LBS (15 KG)	E15 15.5 X 18.24 X 5.52 393.7 X 437.9 X 140.2 33 LBS (15 KG)	E1140 17.3 X 8.3 X 17.3 439 X 211 X 439 38 LBS (17.3 KG)	E15 15.5 X 18.24 X 5.52 393.7 X 437.9 X 140.2 33 LBS (15 KG)
LENS OPTIONS (IN) + MARKING WINDOW	100 MM 2.56 X 2.56 160 MM 3.54 X 3.54 163 MM 4.33 X 4.33 254 MM 6.89 X 6.89 330 MM 9.06 X 9.06 350 MM 9.84 X 9.84 420 MM 11.42 X 11.42	103 MM 2.56 X 2.56 160 MM 4.33 X 4.33 250 MM 6.10 X 6.10 255 MM 6.69 X 6.69	100 MM 2.56 x 2.56 160 MM 4.33 x 4.33 255 MM 6.89 x 6.89	100 MM 2.76 X 2.76 160 MM 4.33 X 4.33 210 MM 5.51 X 5.51 350 MM 9.84 X 9.84	100 MM 2.56 X 2.56 160 MM 4.33 X 4.33 254 MM 6.89 X 6.89 330 MM 9.06 X 9.06 420 MM 11.42 X 11.42	100 MM 2.56 X 2.56 160 MM 4.33 X4.33 163 MM 4.33 X 4.33 254 MM 6.89 X 6.89 330 MM 9.06 X 9.06 420 MM 11.42 X 11.42	100 MM 2.56 X 2.56 160 MM 3.54 X 3.54 163 MM 4.33 X 4.33 254 MM 6.88 X 6.88 330 MM 9.06 X 9.06 350 MM 9.84 X 9.84 420 MM 11.42 X 11.42	100 MM 2.17 X 2.17 160 MM 3.54 X 3.54 254 MM 6.69 X 6.69 330 MM 11.42 X 11.42
LENS OPTIONS (MM) + MARKING WINDOW	100 MM 65 X 65 160 MM 90 X 90 163 MM 110 X 110 254 MM 175 X 175 330 MM 230 X 230 350 MM 250 X 250 420 MM 290 X 290	103 MM 65 X 65 160 MM 110 X 110 250 MM 155 X 155 255 MM 170 X 170	100 MM 65 x 65 160 MM 110 x 110 255 MM 175 x 175	100 MM 70 X 70 160 MM 110 X 110 210 MM 140 X 140 350 MM 250 X 250	100 MM 65 X 65 160 MM 110 X 110 254 MM 175 X 175 330 MM 230 X 230 420 MM 290 X 290	100 MM 65 X 65 160 MM 110 X 110 163 MM 110 X 110 254 MM 175 X 175 330 MM 230 X 230 420 MM 290 X 290	100 MM 65 X 65 160 MM 90 X 90 163 MM 110 X 110 254 MM 175 X 175 330 MM 230 X 230 350 MM 250 X 250 420 MM 290 X 290	100 MM 55 X 55 160 MM 90 X 90 254 MM 175 X 175 420 MM 290 X 290
RESOLUTION FONT BARCODE 2D MATRIX CODE GS1 DATA BAR LOGO IMAGE MACHINE OPERATION	16-BIT (LENS DEPENDENT) VECTOR, CUSTOM, TRUETYPE YES YES YES YES MANUAL OR AUTOMATIC	16-BIT (LENS DEPENDENT) VECTOR, CUSTOM, TRUETYPE YES YES YES YES MANUAL OR AUTOMATIC	16-BIT VECTOR, CUSTOM, TRUETYPE YES YES YES YES MANUAL OR AUTOMATIC	16-BIT (LENS DEPENDENT) VECTOR, CUSTOM, TRUETYPE YES YES YES YES MANUAL OR AUTOMATIC	16-BIT (LENS DEPENDENT) VECTOR, CUSTOM, TRUETYPE YES YES YES YES MANUAL OR AUTOMATIC	16-BIT VECTOR, CUSTOM, TRUETYPE YES YES YES YES MANUAL OR AUTOMATIC	16-BIT VECTOR, CUSTOM, TRUETYPE YES YES YES YES MANUAL OR AUTOMATIC	16-BIT VECTOR, CUSTOM, TRUETYPE YES YES YES YES MANUAL OR AUTOMATIC
HEAD CABLE COOLING MAXPOWER CONSUMPTION	2.74 M TO 5 M AIR COOLED, FAN LESS THAN 280 WATTS	AIR COOLED LESS THAN 400 WATTS	ETHERNET CABLE AIR COOLED LESS THAN 280 WATTS	1.8 M AIR-COOLED, FANS LESS THAN 680 WATTS	1.75 M OR 4.75 M AIR COOLED, ACTIVE LESS THAN 400 WATTS	1.75 M OR 4.75 M AIR COOLED, ACTIVE LESS THAN 500 WATTS	1.75 M OR 4.75 M AIR COOLED, ACTIVE LESS THAN 950 WATTS	1.75 M OR 4.75 M AIR COOLED, ACTIVE LESS THAN 600 WATTS
OPERATING TEMP (F) OPERATING TEMP (C) RECOMMENDED TEMP (F) RECOMMENDED TEMP (C) AMBIENT HUMIDITY	59° - 95° F 15° - 35° C 68° - 77° F 20° - 25° C 10% - 85% NON-CONDENSING	65° - 95° F 15° - 35° C 68° - 77° F 20° - 25° C 10% - 85% NON-CONDENSING	65° - 93° F 18° - 34° C 68° - 77° F 20° - 25° C 10% - 85% NON-CONDENSING	59°F TO 86°F 15°C TO 30°C 61°F TO 75°F 16°C TO 24°C 10% TO 90% NON-CONDENSING	59° - 95° F 15° - 35° C 68° - 77° F 20° - 25° C 10% - 85% NON-CONDENSING	65° - 95° F 18° - 35° C 68° - 77° F 20° - 25° C 10% - 85% NON-CONDENSING	65° - 95° F 18° - 35° C 68° - 77° F 20° - 25° C 10% - 85% NON-CONDENSING	65° - 95° F 18° - 35° C 68° - 77° F 20° - 25° C 10% - 85% NON-CONDENSING
COMPLIANCE INTERFACE COMMUNICATION	CDRH, CE TCP/IP, ETHERNET/IP, PROFINET DISCRETE IO	CDRH, CE TCP/IP, ETHERNET/IP, PROFINET DISCRETE IO	CDRH, CE TCP/IP, ETHERNET/IP, PROFINET DISCRETE IO	CDRH ETHERNET IP, PROFINET, TCP/IP, SERIAL	CDRH, CE TCP/IP, ETHERNET/IP, DISCRETE IO	CDRH, CE TCP/IP, ETHERNET/IP, DISCRETE IO	CDRH, CE TCP/IP, ETHERNET/IP, DISCRETE IO	CDRH, CE TCP/IP, ETHERNET/IP, DISCRETE IO
SOFTWARE OPERATING SYSTEM DIODE WARRANTY ELECTRONICS WARRANTY	MERLIN® II LS WINDOWS® XP OR BETTER 2 YEARS 1 YEAR	MERLIN® II LS WINDOWS® XP OR BETTER 2 YEARS 1 YEAR	MERLIN® II LS WINDOWS® XP OR BETTER 2 YEARS 1 YEAR	MERLIN® II LS WINDOWS® 7 OR BETTER 1 YEAR 1 YEAR	MERLIN® II LS WINDOWS® 7 OR BETTER 2 YEARS 1 YEAR	MERLIN® II LS WINDOWS® 7 OR BETTER 2 YEARS 1 YEAR	MERLIN® II LS WINDOWS® 7 OR BETTER 2 YEARS 1 YEAR	MERLIN® II LS WINDOWS® 7 OR BETTER 2 YEARS 1 YEAR



PROSTATION™ // Class 1 Laser Enclosure

- DURABLE**
Constructed with industrial grade materials
- FLEXIBLE**
Accommodates an array of part shapes and sizes
- SAFE**
Complies with CDRH Class 1 and ISO13849-1 guidelines
- EFFICIENT**
Engineered for rapid processing



Telesis ProStation

Robust, industrial, and customizable Class 1 laser enclosure for marking large parts

Telesis Mini ProStation

Narrow and nimble Class 1 enclosure workstation **for challenging space constraints**

Why it's great

Enclosure Size	40 in x 102.5 in x 40.24 in 1016 mm x 2603 mm x 1022 mm
Interior Working Area	36.5 in x 37 in x 30.25 in 927 mm x 940 mm x 768 mm

	27.5 in x 71.3 in x 35.4 in 698 mm x 1811 mm x 899 mm
	26.5 in x 36.5 in x 24.5 in 673 mm x 927 mm x 622 mm

DUAL-HEAD
FIBER
INFRARED
GREEN
UV
CO ₂
ENCLOSURES

Class 1 Laser Enclosures



DialPro™

// FASTER CYCLE TIME

Simultaneous load/unload and mark/read operations with dual positions

Concurrently run multiple processes in parallel with the addition of extra positions

// INCREASED PRODUCTIVITY

Fast and easy part handling with integration-friendly front or overhead load/unload design

Time-saving view of control operations and code reading with overhead monitor

Greater mark positioning efficiency and 2D code reading functionality

// APPLICATION FLEXIBILITY

Accommodates a variety of process options including 3D marking, code reading, inspection, cleaning

36 in (914 mm) diameter dial table and a 10 in (254 mm) height clearance provide ample spatial capacity for processing a wide range of part sizes



BoxPro™

// PLUG AND PLAY

The Telesis BoxPro arrives fully assembled, meaning once it is powered, you can get right to work

// SIMPLICITY PERFECTED

The BoxPro offers a simple effective design paired with an entry-level laser marker perfect for smaller and up-and-coming outfits

// RIGHT-SIZED

This efficiently sized Class 1 enclosure can fit into almost any production space. At 20in x 16in (508mm x 406.4mm) it is useful and adaptable



ProMed™

// MEDICAL GRADE

The Telesis ProMed is exclusively designed for the demanding needs of medical device part marking

// PRECISION IN MIND

The Mattison precision ground top plate, Aerotech X/Y stage, heavy-duty welded steel base, and robust programmable Z-axis mounting post make this equipment solid and marks exact

// LASER FOCUSED

Equipped with a laser perfect for annealing as well as other applications, the Telesis ProMed is available as a Class 1 or CDRH Class 4 enclosure



- DUAL-HEAD
- FIBER
- INFRARED
- GREEN
- UV
- CO₂
- ENCLOSURES



PINSTAMP® Dot Peen Markers

PINSTAMP® Marker Overview

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Popular PINSTAMP® Markers

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PINSTAMP® Controllers

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Telescribe® Marking Systems Overview

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PINSTAMP® Details

Page **48**

"What separates Telesis from the others is the way they believe in and stand behind their products. Telesis delivers."

- Jermey Tincher, Smith & Nephew

PINSTAMP® Dot Peen Overview

SINGLE-PIN DOT PEEN MARKERS							MULTI-PIN DOT PEEN MARKERS		PORTABLE DOT PEEN MARKERS		
	TMP1700	TMP2100	TMP3200	TMP4210	TMP4750	TMP6100	TMM4200	TMM4250	TMP4500E	Nomad 2000	Nomad 4000
											
Features	This proven industrial workhorse is an industry staple and continues to impress.	The TMP2100 provides great functionality fit into a smaller footprint.	A generously sized marking window sets this dot peen marker apart from the rest.	The TMP4210 is an incredibly lightweight and compact hand-held marker.	This lightweight hand-held marker delivers remarkable power and depth.	The robotic design delivers precise marks and makes part placement easy.	A unique, compact ergonomic multi-pin marker is incredibly fast.	Ideal for online applications in wet, dirty manufacturing environments.	A powerful piece of hand-held equipment, this marker eliminates the need for air.	The Nomad is a fully portable, rechargeable, battery-powered system.	The Nomad is a fully portable, rechargeable, with more power than the 2000.
What it's Good For	Field-Proven Design Highly Functional Unparalleled Reliability	Fast Marking Small Characters Compact Envelope	Fast Marking For Constrained Space Robust Construction	For High Production Space Constraints Easy to Use	VIN Marking Extra-Deep Marking Dark Spaces	Large Applications Cylindrical Marking Medical Applications	Constrained Space Comfortable Grip Makes Quick Marks	Wet Environments Fixtured Applications For Constrained Space	Does Not Require Air Makes Deep Marks Easy to Hold	Rechargeable Battery Can Go Anywhere Does Not Require Air	Makes Deep Marks Can Go Anywhere Does Not Require Air
Marking Window (in)	1.50 in x 2.50 in	0.79 in x 1.96 in	4.0 in x 6.0 in	0.5 in x 2.0 in	1.57 in x 5.5 in	6.0 in x 12.0 in	0.5 in x 2.0 in	0.5 in x 2.0 in	1.0 in x 4.0 in	1.0 in x 4.0 in	1.0 in x 4.0 in
Marking Window (mm)	38 mm x 63 mm	20 mm x 50 mm	100 mm x 150 mm	13 mm x 51 mm	40 mm x 140 mm	152 mm x 305 mm	12.7 mm x 50.8 mm	12.5 mm x 60.8 mm	25.4 mm x 101.6 mm	25.4 mm x 101.6 mm	25.4 mm x 101.6 mm
Max Marking Speed	4 characters / second	6 characters / second	4 characters / second	8 characters / second	Varies	Varies	8 Characters / second	8 Characters / second	4 characters / second	5 characters / second	4 characters / second
Marking Depth (in)	0.003 - 0.013 in	0.001 - 0.013 in	0.003 - 0.013 in	0.001 - 0.013 in	0.001 - 0.018 in	Varies	0.001 - 0.013 in	0.001 - 0.013 in	0.001 - 0.018 in	0.001 - 0.010 in	0.001 - 0.018 in
Marking Depth (mm)	0.076 - 0.305 mm	0.03 - 0.33 mm	0.03 - 0.33 mm	0.03 - 0.33 mm	0.03 - 0.45 mm	Varies	0.03 - 0.33 mm	0.03 - 0.33 mm	0.03 - 0.46 mm	0.03 - 0.25 mm	0.03 - 0.46 mm
Max Character Height (in)	1.5 in	0.79 in	4.0 in	0.5 in	5.5 in	6 in	0.5 in	0.5 in	1.0 in	1.0 in	1.0 in
Max Character Height (mm)	38 mm	20 mm	101.6 mm	12.7 mm	140 mm	152.4 mm	12.7 mm	12.7 mm	25.4 mm	25.4 mm	25.4 mm
Max Resolution	200 dpi	200 dpi	200 dpi	200 dpi	200 dpi	200 dpi	200 dpi	200 dpi	80 dpi	80 dpi	80 dpi
Logo Marking Capable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2D Code Marking Capable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Radial Marking Capable	Yes	Yes	Yes	No	No	Yes	No	Yes	No	No	No
Programmable Z-Axis	Yes	Yes	Yes	Yes	No	Yes	No	No	No	No	No
Floating Pin Technology	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
Maximum Number of Pins	1	1	1	1	1	1	4	4	1	1	1
Mounting	Fixtured Standard Handheld Optional	Fixtured Standard Handheld Optional	Fixtured Standard Handheld Optional	Handheld Standard Fixtured Optional	Handheld Standard Fixtured Optional	Fixtured Standard	Handheld Standard	Handheld Standard	Handheld Standard	Handheld Standard	Handheld Standard
Available in Electronic	Yes	No	Yes	No	No	No	No	No	Electric Only	Electric Only	Electric Only
Controllers Available	Fixed Button (TMC470) Touch Screen (TMC520) Merlin III w/ PC	Fixed Button (TMC470) Merlin III w/ PC	Fixed Button (TMC470) Merlin III w/ PC	Fixed Button (TMC470) Merlin III w/ PC	Fixed Button (TMC470) Touch Screen (TMC520) Merlin III w/ PC	Fixed Button (TMC470) Merlin III w/ PC	Fixed Button (TMC470) Merlin III w/ PC	Fixed Button (TMC470) Merlin III w/ PC	Fixed Button (TMC470) Merlin III w/ PC	Nomad Controller	Nomad Controller

ENTRY LEVEL DOT PEEN MARKERS



An entry-level system with extruded aluminum marking head mounting post and base	An entry-level machine good for bench-top applications and stand-alone marking.	An entry-level fully programmable machine great for portable marking.
Smaller Budgets Does Not Require Air Great Value	Smaller Budgets Does Not Require Air Great Value	Smaller Budgets Does Not Require Air Great Value
4.0 in x 4.0 in 101.6 mm x 101.6 mm 5 characters / second 0.001 - 0.010 in 0.03 - 0.25 mm 1.0 in 25.4 mm 80 dpi	4.0 in x 6.0 in 101.6 mm x 152.4 mm 5 characters / second 0.001 - 0.018 in 0.03 - 0.46 mm 4.0 in 101.6 mm 80 dpi	1.0 in x 4.0 in 25.4 mm x 101.6 mm 5 characters / second 0.001 - 0.010 in 0.03 - 0.25 mm 1.0 in 25.4 mm 80 dpi
Yes Yes No No	Yes Yes Yes No	Yes Yes No No
No 1 Hand-Held Standard	No 1 Fixed-Mount Standard	No 1 Hand-Held Standard
Electric Only Fixed-Button (BM470) Touch Screen (TMC520) Merlin III w/ PC	Electric Only Fixed-Button (BM470) Touch Screen (TMC520) Merlin III w/ PC	Electric Only Fixed-Button (BM470) Touch Screen (TMC520) Merlin III w/ PC

Speed >>

Depth >>

Flexibility >>

Meeting Every Challenge

THE WORLD'S
FASTEST
DOT PEEN
MARKER

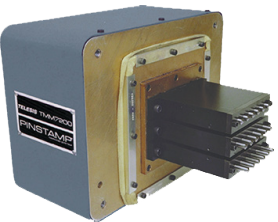
16 characters
per second



Unique to Telesis, our PINSTAMP® dot peen markers **have multiple pins to complete marks more quickly.** From 2 pins to 8 pins, we have a solution that meets your needs. The TMM5400, with 8 pins, is the world's fastest marker. The TMM5100 is also a versatile options for speed.

MULTI-
STRIKE

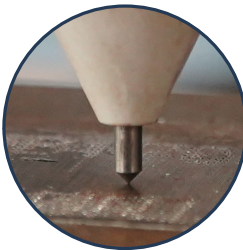
.022 in
.5588 mm



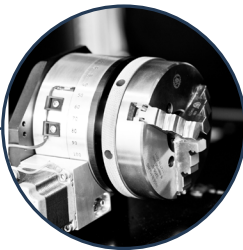
The proprietary Multi-Strike feature fires the pin multiple times, resulting in a deeper mark. The software upgrade can be added to many markers. The TMM7200 is a custom product, for extra deep marking needs.



Bar Code Scanner



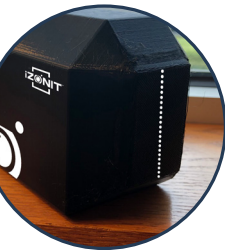
AutoSense



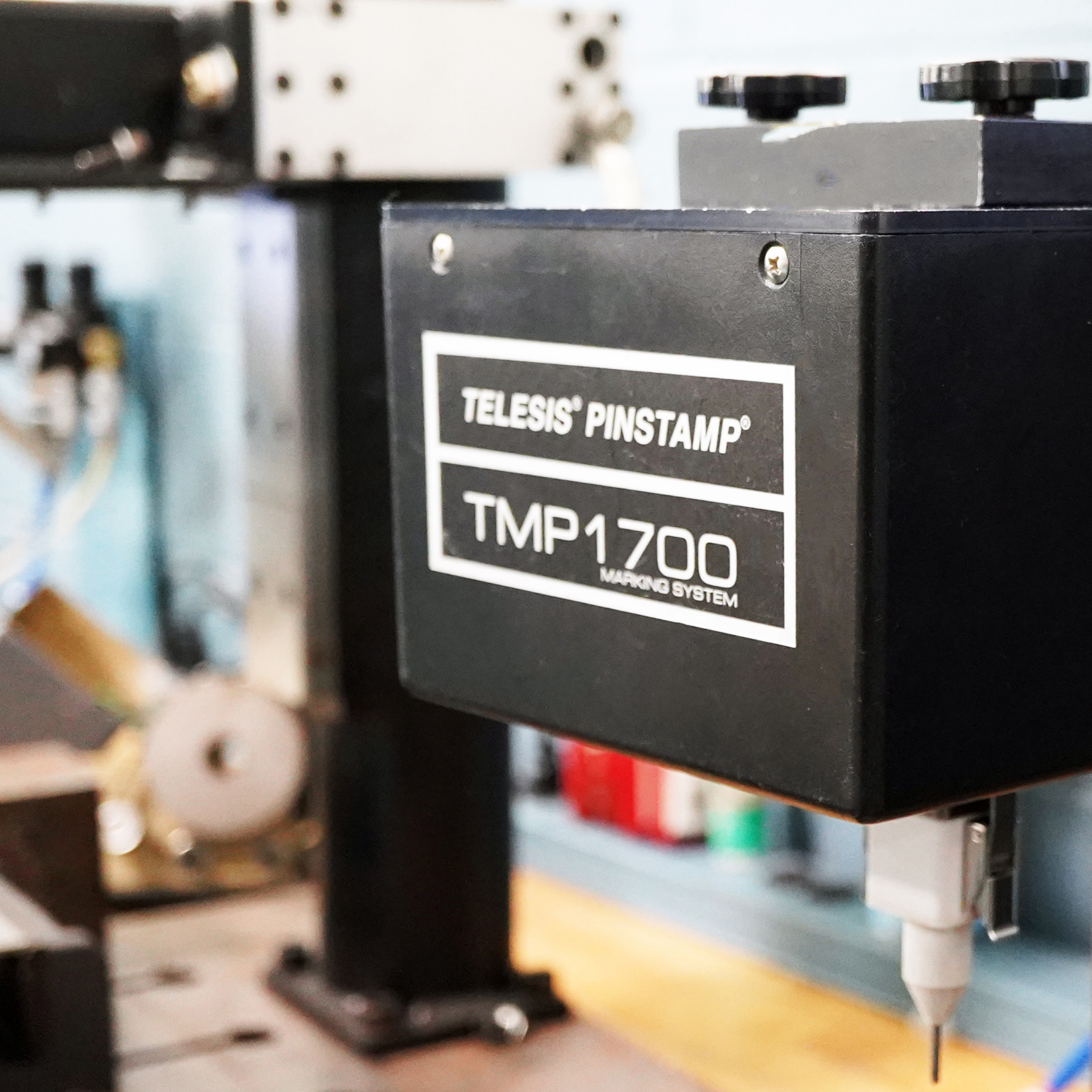
Rotary Chuck



Programmable Z-Axis



iZONIT™



The Proven Industrial Workhorse

TMP1700

- Rugged, low-maintenance** X/Y platform
- Compact**, contaminant-resistant head design
- Marks a wide range of materials** from soft plastics to hardened steel (rc60)
- Interchangeable marking pin** sizes for depths from 0.001 in - 0.018 in (0.03 mm - 0.45 mm)
- Floating pin technology **accommodates surface irregularities** up to 0.25 in (6 mm) easily

Additional Features

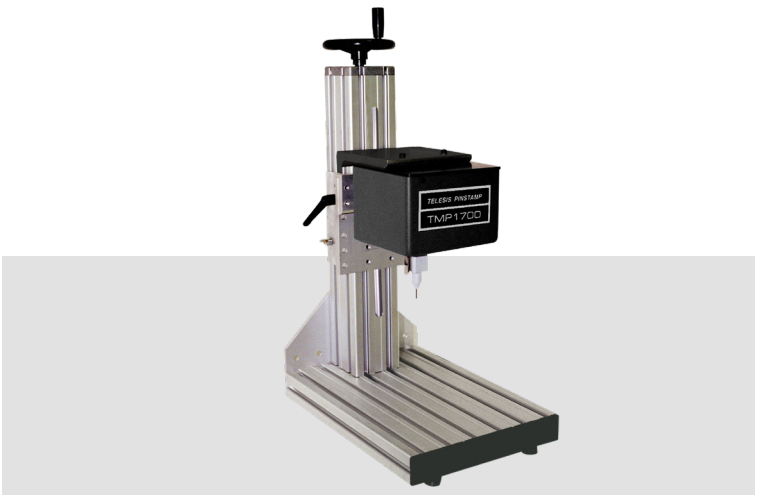
- Dot Density: Up to 200 dots-per-inch (79 dots per centimeter)
- Marking speeds up to six characters per second
- Automatically generates serial numbers, time, date, and shift codes
- Store up to 400 marking patterns
- Easily interfaced to PLCs and host computers

Controllers

- Fixed Button** (TMC470)
- Touch Screen** (TMC520)

Software

- Proprietary **Merlin® III**



Options and Accessories

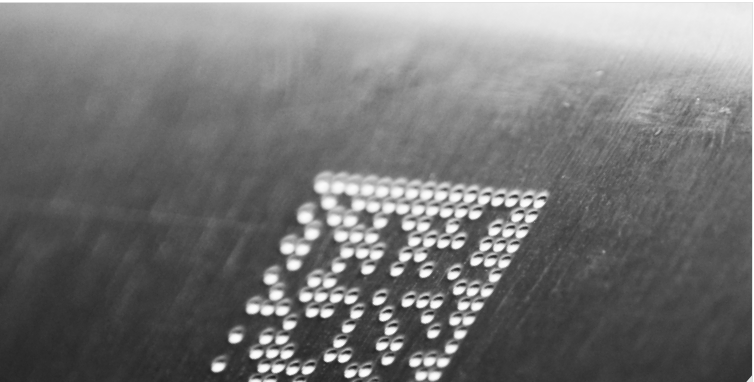
- Rotary fixtures for marking circumferences of cylindrical parts
- Marking head mounting post, including programmable Z-axis
- Panel-mount and IP/NEMA rated controllers
- Easy and free software upgrades

Marking Window



Marking Specifications

Max Character Depth	0.003 in 0.76 mm
Max Character Height	1.5 in 38.1 mm
Characters per Second	6
Resolution	200 dpi





A Large Marking Window

TMP3200 (TMP3200EAS)

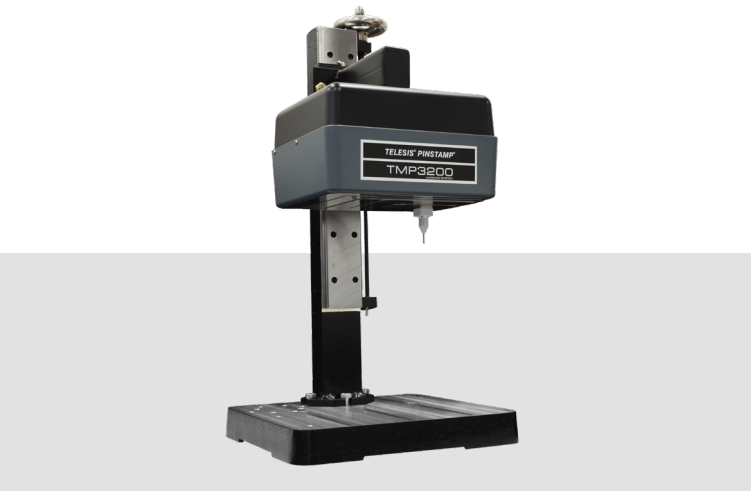
Simple yet robust belt-driven dual rail

X/Y platform yields **high-quality characters**

Rugged design means **long-lasting, low-maintenance operation**

Marks a wide range of materials from soft plastics to hardened steel (rc60)

Floating pin technology easily **accommodates surface irregularities** up to 0.25 in (6 mm)



Additional Features

- Dot Density: Up to 200 dots-per-inch (79 dots per centimeter)
- Choice of interchangeable marking pins: .001 in - .018 in (0.03 mm - 0.34 mm)
- Marking speeds up to six characters per second
- Automatically generates serial numbers, time, date, and shift codes
- Easily interfaced to PLCs and host computers

Controllers

- Fixed Button** (TMC470)
- Touch Screen** (TMC520)

Software

Proprietary **Merlin® III**

Options and Accessories

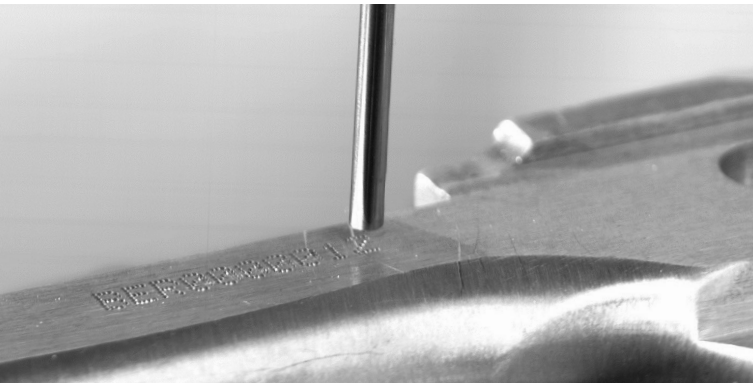
- Rotary fixtures for marking circumferences of cylindrical parts
- Marking head mounting post, including programmable Z-axis
- Panel-mount and IP/NEMA rated controllers
- Easy and free software upgrades

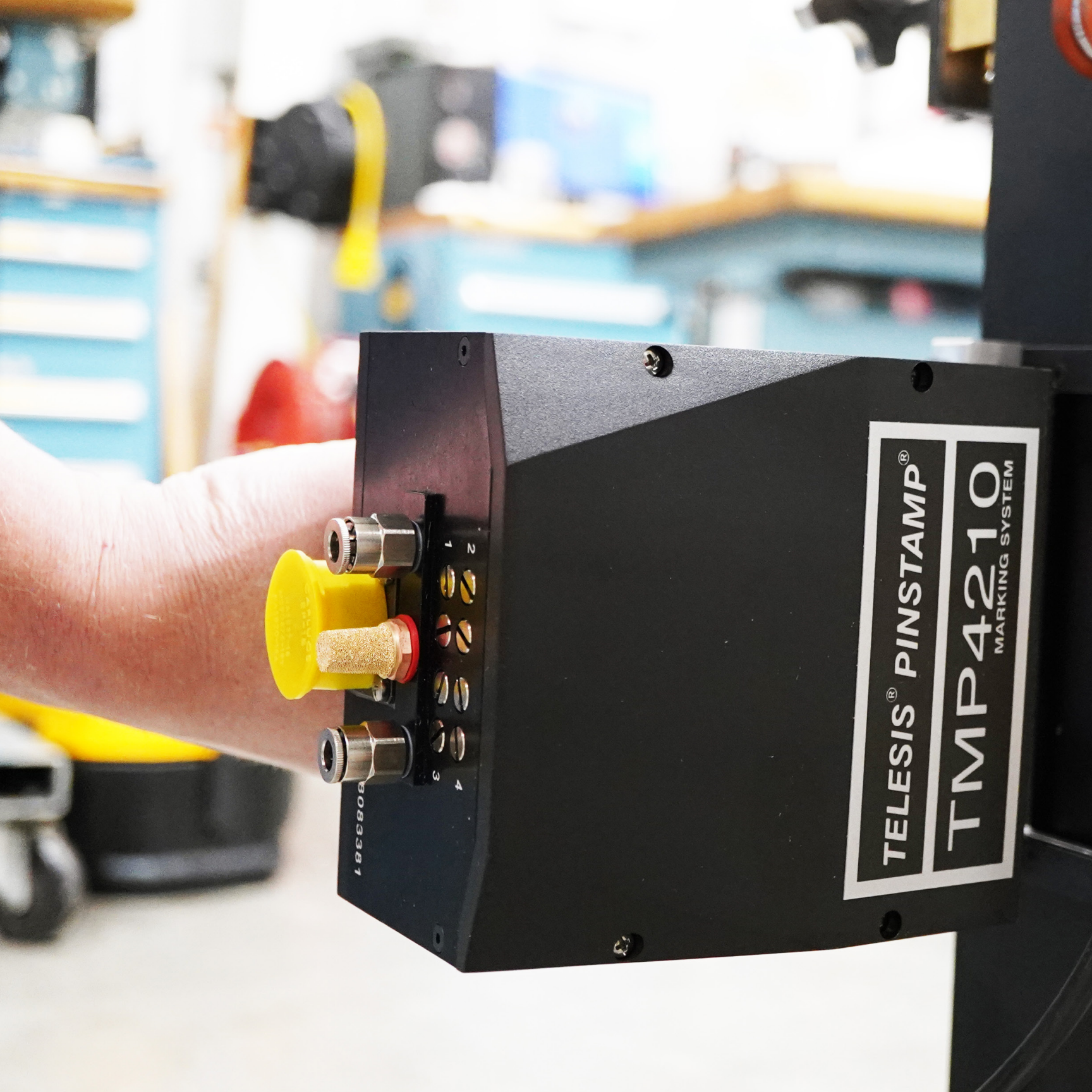
Marking Window



Marking Specifications

Max Character Depth	0.013 in 0.33 mm
Max Character Height	4.0 in 101.6 mm
Characters per Second	6
Resolution	200 dpi





Lightweight and Compact Hand-Held

TMP4210

Great for smaller environments where movement and space is restricted

Lightweight construction is **easy to hold** for long periods of time

Durable components **withstand tough manufacturing environments**

Satisfies a wide range of marking applications while **integrating into factory automation networks**



Additional Features

Dot Density: Up to 200 dots-per-inch (79 dots per centimeter)

Choice of interchangeable marking pins: .001 in - .018 in (0.03 mm - 0.34 mm)

Marking speeds up to six characters per second

Automatically generates serial numbers, time, date, and shift codes

Easily interfaced to PLCs and host computers

Controllers

Fixed Button (TMC470)

Touch Screen (TMC520)

Software

Proprietary **Merlin® III**

Options and Accessories

Panel-mount and IP/NEMA-rated controllers

Easy and free software upgrades

Marking Window



Marking Specifications

Max Character Depth	0.013 in 0.33 mm
Max Character Height	0.5 in 12.7 mm
Characters per Second	8
Resolution	200 dpi





" The 6100 is top quality. Our markers run all day long and they are 'bulletproof.' "

- Bud Nelson, Acutec Precision

Robotic Design for Precise Marks

TMP6100

Great for cylindrical marking where a rotary device can add efficiency and practicality

The most versital PINSTAMP marker

Durable components **withstand tough manufacturing environments**

Satisfies a wide range of marking applications while **integrating into factory automation networks**



Additional Features

- Dot Density: Up to 200 dots-per-inch (79 dots per centimeter)
- Choice of interchangeable marking pins: .001 in - .018 in (0.03 mm - 0.34 mm)
- Marking speeds up to six characters per second
- Automatically generates serial numbers, time, date, and shift codes
- Easily interfaced to PLCs and host computers

Controllers

Fixed Button (TMC470)

Software

Proprietary **Merlin® III**

Options and Accessories

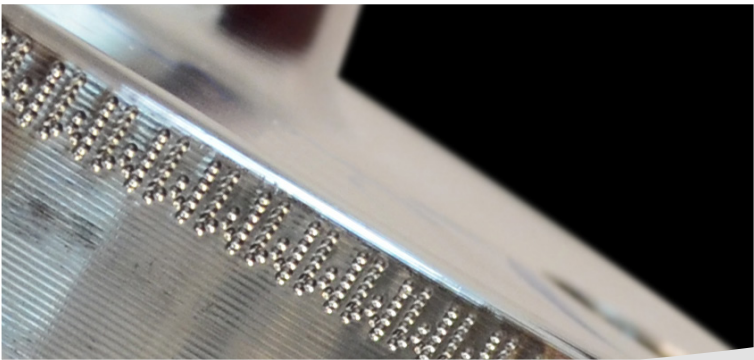
- Rotary fixtures for marking circumferences of cylindrical parts
- Marking head mounting post, including programmable Z-axis
- Panel-mount and IP/NEMA rated controllers
- Easy and free software upgrades

Marking Window



Marking Specifications

Max Character Depth	Varies
Max Character Height	6 in 152.4 mm
Characters per Second	Varies
Resolution	200 dpi



PINSTAMP® Controllers



TMC470 Fixed-Button Controller

- Fully contained controller—no PC required
- Easy to use menu design for pattern design
- Ethernet port for TCP/IP communications
- EthernetIP and PROFINET capable
- Durable membrane keyboard
- Store up to 400 marking patterns locally
- Panel-mount kits available



TMC520 Touch-Screen Controller

- Create a design and produce a mark in under a minute
- See exactly how the design will look before printing
- Easy-to-use tools for arc text, graphics, and data matrix
- Contaminant-resistant design and flexible installation
- Software can be customized for unique applications
- Impact-proof touch screen interface
- Panel-mount kits available

TMC520 FEATURES



PINCH ZOOM



PARSE FLAGS



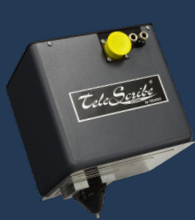
ARC TEXT



EASY SWIPE MENUS

Telescribe®

SC2000



The SC2000 is a great **low-noise compact marker** for continuous marking of human-readable characters and symbols

SC2000 Marking Window
2.95 in x 1.57 in
(75 mm x 40 mm)

Marking Speed
.125 in (3 mm) character
up to 2 characters/second

SS3700

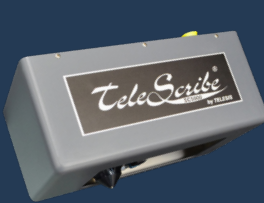


The SS3700 is expertly designed with a **large marking window and creates deep, quick marks with a servo-driven motor**

SS3700 Marking Window
2 in x 6 in
(50.8 mm x 152.4 mm)

Marking Speed
.276 in (7 mm) character
up to 2 characters/second

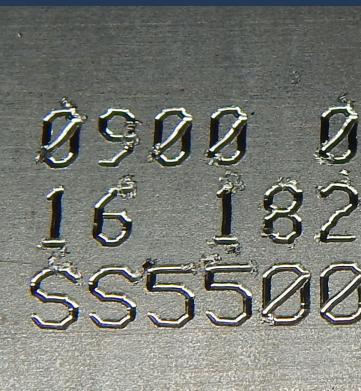
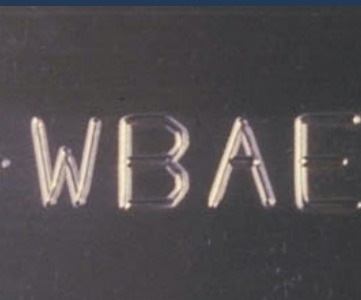
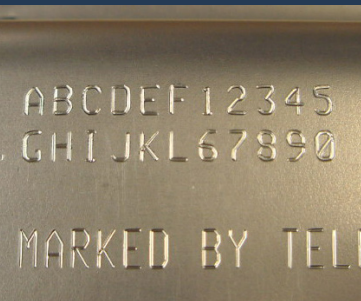
SC5000



The most powerful scribe marker, the **heavy duty SC5000 has a large marking window and can create extra deep and wide marks**

SC5000 Marking Window
2.5 in x 7.5 in
(63 mm x 190 mm)

Marking Speed
.125 in (3 mm) character
up to 1.7 characters/second



TELESCRIBE® BENEFITS

A **wide variety** of marking pins are available

Easily integrates into a wide range of automated online and manual applications

Virtually silent marking

Pin **penetrates without puncture**

Produces **crisp** logos in addition to text

PINSTAMP® Marking Windows to Scale

TMP6100
6.0 in x 12.0 in
152.4 mm x 304.8 mm

TMP3200
4.0 in x 6.0 in
101.6 mm x 152.4 mm

Benchmark 320
4.0 in x 6.0 in
101.6 mm x 152.4 mm

TMP4750
1.57 in x 5.5 in
40 mm x 140 mm

TMM4500E
1.0 in x 4.0 in
25.4 mm x 101.6 mm

Nomad 2000
1.0 in x 4.0 in
25.4 mm x 101.6 mm

Nomad 4000
1.0 in x 4.0 in
25.4 mm x 101.6 mm

Benchmark 460
1.0 in x 4.0 in
25.4 mm x 101.6 mm

TMP1700
1.50 in x 2.50 in
38.1 mm x 63.5 mm

TMP2100
0.79 in x 1.96 in
20 mm x 50 mm

TMP4210
0.5 in x 2.0 in
12.7 mm x 50.8 mm

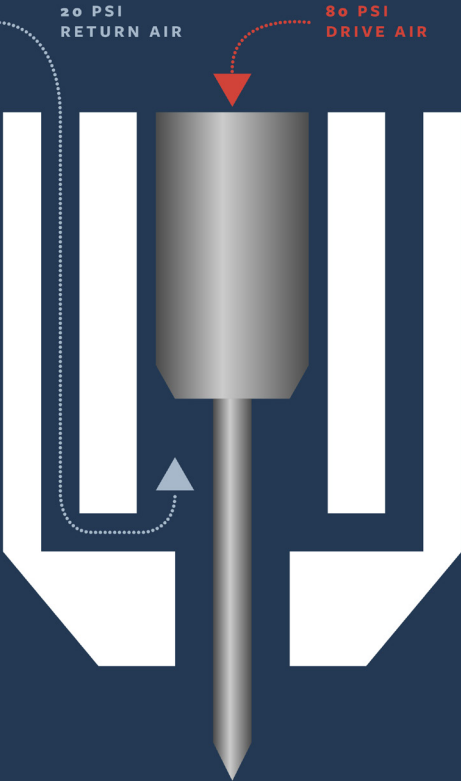
TMM4200
0.5 in x 2.0 in
12.7 mm x 50.8 mm

TMM4250
0.5 in x 2.0 in
12.5 mm x 60.8 mm

Floating Pin

All PINSTAMP® pneumatic dot peen markers contain our **revolutionary floating pin technology, developed by Telesis an patented in 1985**. This technology enables PINSTAMP marking systems to accommodate surface irregularities up to .25in (6mm) and mark clearly and reliably on my types of materials.

- // Give the user the ability to make adjustments to marks
- // No springs to replace
- // Constant positive air low keeps in chamber clean
- // Achieves higher speeds





The Telesis Advantage*

Vision Systems	Page 52
Telesis Applications Lab	Page 54
Merlin® Proprietary Software	Page 55
Custom Engineered Solutions	Page 56
Customer Service and Support	Page 57
Robotics/AI Integration	Page 58

****What our competitors can't match.***

iZONIT™ Vision System

Accurately and easily **establish and view mark positioning** before firing the laser

Set mark location when object to be marked is not visible

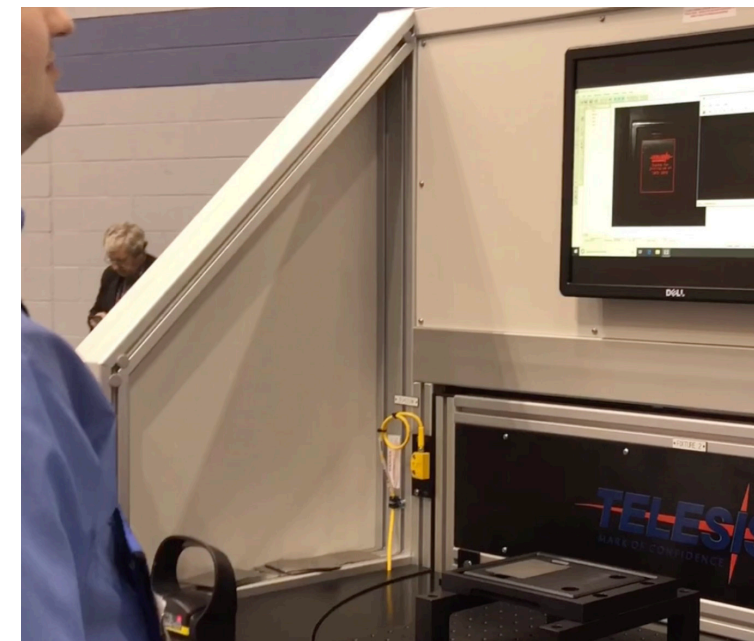
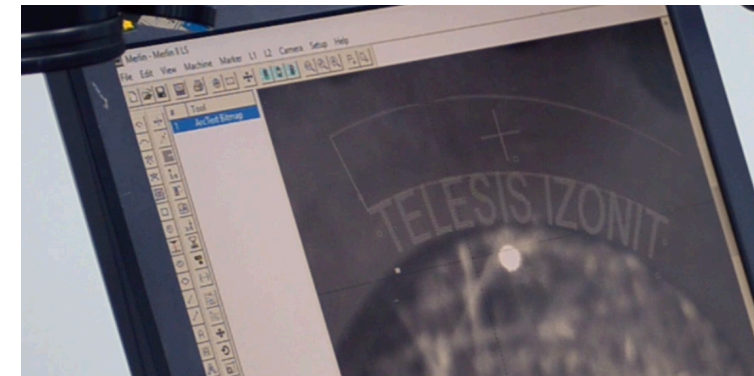
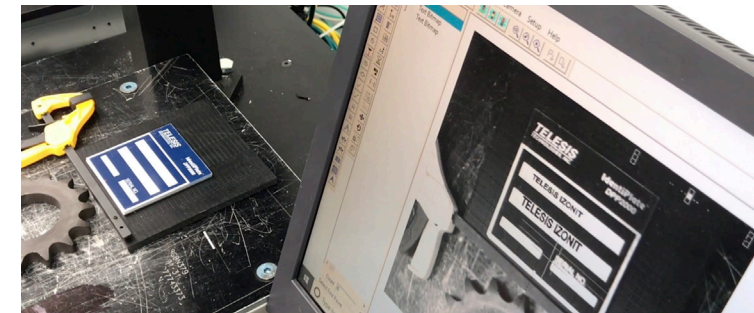
- Dial-indexing table enclosures
- Class 1 safety enclosures
- Remote marking operations

Save time and increase productivity during pattern design with a camera-assisted mark positioning system

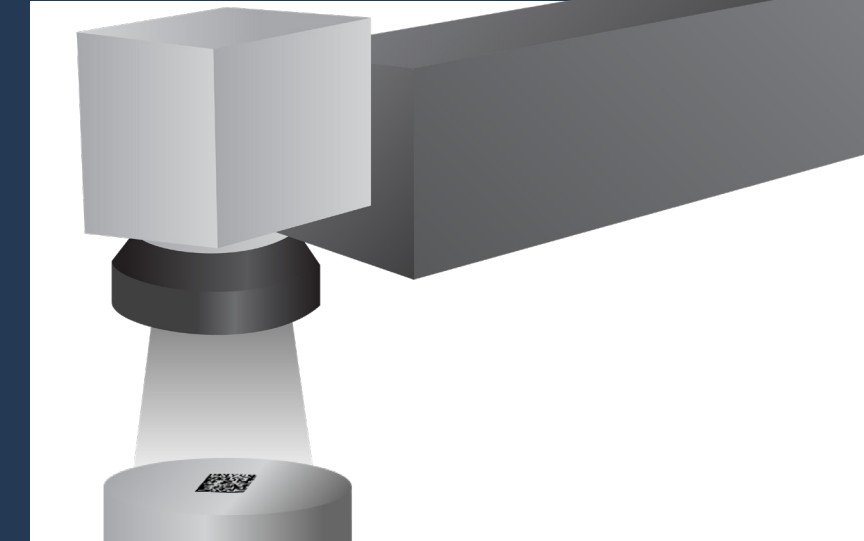
Increase throughput—especially with marking applications that involve multiple parts or a variety of parts

Immediately verify and validate data matrix 2d codes for compliance

Also available for
PINSTAMP® Dot Peen
Marking Systems



Teleview™



Mark // Read // Verify

// Easily Automate Quality Control

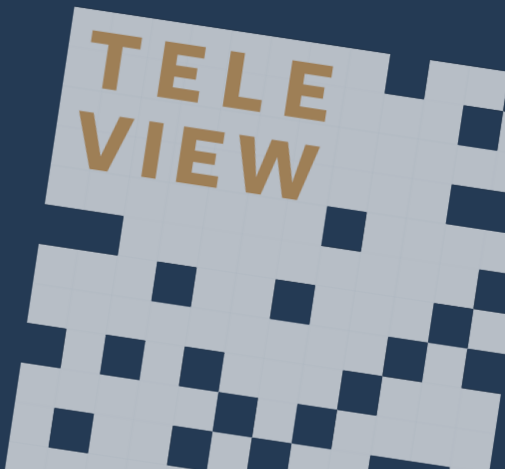
// Integrated Camera Instantly Reads Marks

// Software Quickly Analyzes Code Integrity

// Real-time Verification Eliminates Wasted Parts

// Virtually Removes Human Errors

// Create for Intricate Part Marking



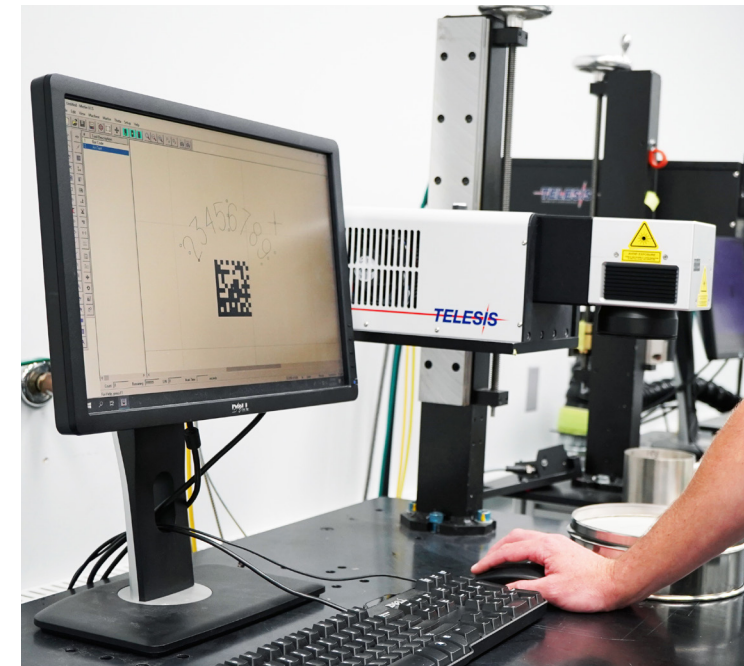
Telesis Applications Lab

At the core of every customer interaction is the Telesis Applications Lab: **a team of marking experts dedicated to helping you purchase your equipment with confidence.**

They'll find the **most efficient and cost effective piece of equipment** you need to make a beautiful and successful permanent mark.

Not sure what you laser you need? Our team will figure it out—and provide extensive recommendations—free of charge.

Merlin® Proprietary Software



Telesis Merlin® is powerful software that is capable of driving and operating all Telesis PINSTAMP Dot Peen and Laser Marking Systems.

SAFE, EASY OPERATOR INTERFACE

Pattern design is made quick and easy with a simple interface for the creation and execution of machine- and human-readable marks. The Pattern Wizard Mode makes simple pattern design a snap even for a novice. Immediately adjust the size, location, and orientation of your mark designs.

MAKES EVERY MARK EASIER

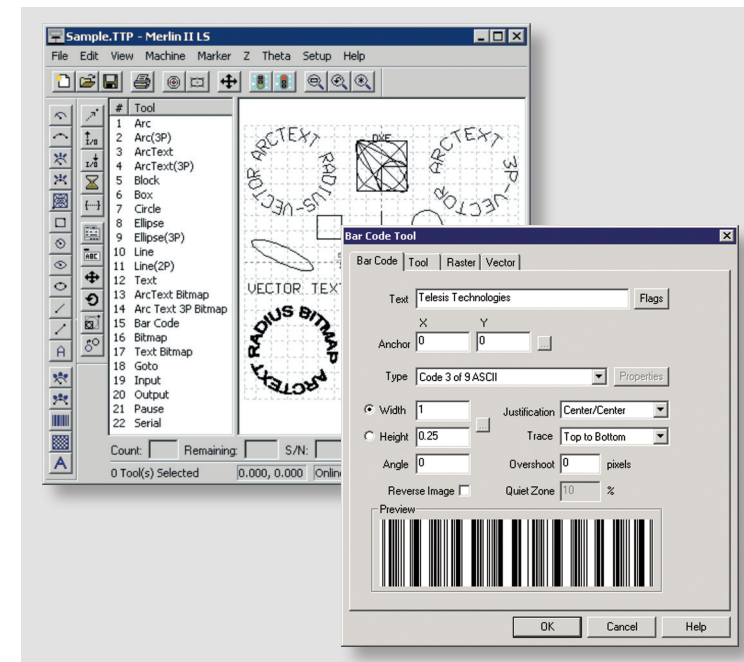
Use Merlin to create text strings, geometric shapes, graphics, and machine-readable data matrix symbols, alphanumeric characters, symbols, special message flags (serial numbers, times, dates, and user-defined codes), or import DXF files.

CONTROL ALL OF YOUR OPERATIONS FROM ONE SOFTWARE PLATFORM

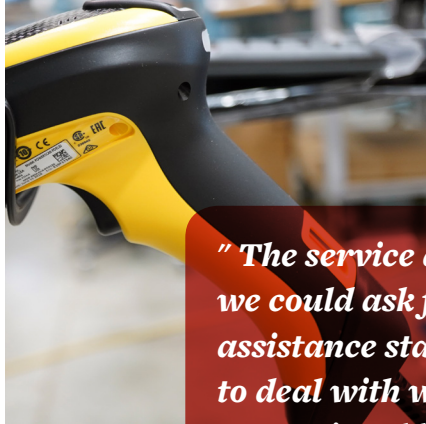
Using Merlin II LS, Merlin Touch PS, and Merlin III, your operators can maintain their comfort level and their efficiency by using the same interface across all of the Telesis Dot Peen and Laser equipment in your facility.

MISTAKE-FREE PATTERNS

Use barcode scanning to load pre-set patterns, load a picture of the part and fixture, and insert marking data in the proper field without the need for a keyboard.



UNEQUALED
CUSTOM
ENGINEERED
SOLUTIONS



"The service department has been all we could ask for from a technical and assistance standpoint—a pleasure to deal with which is always an appreciated benefit."

- Chris Shetler, PixlMediaServices, Inc.

All of our systems—
hardware and software—
**are designed and
built in-house** at our
state-of-the-art R&D and
manufacturing facilities in
California and Ohio, USA.



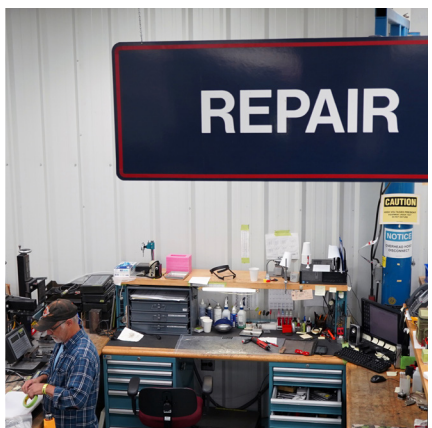
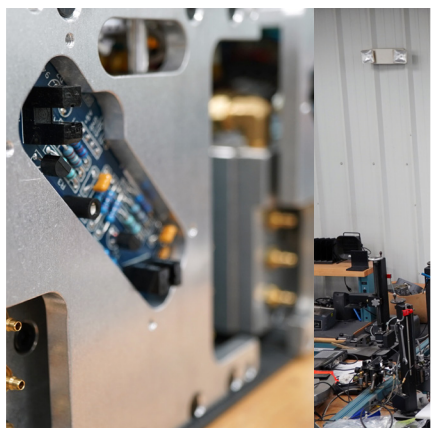
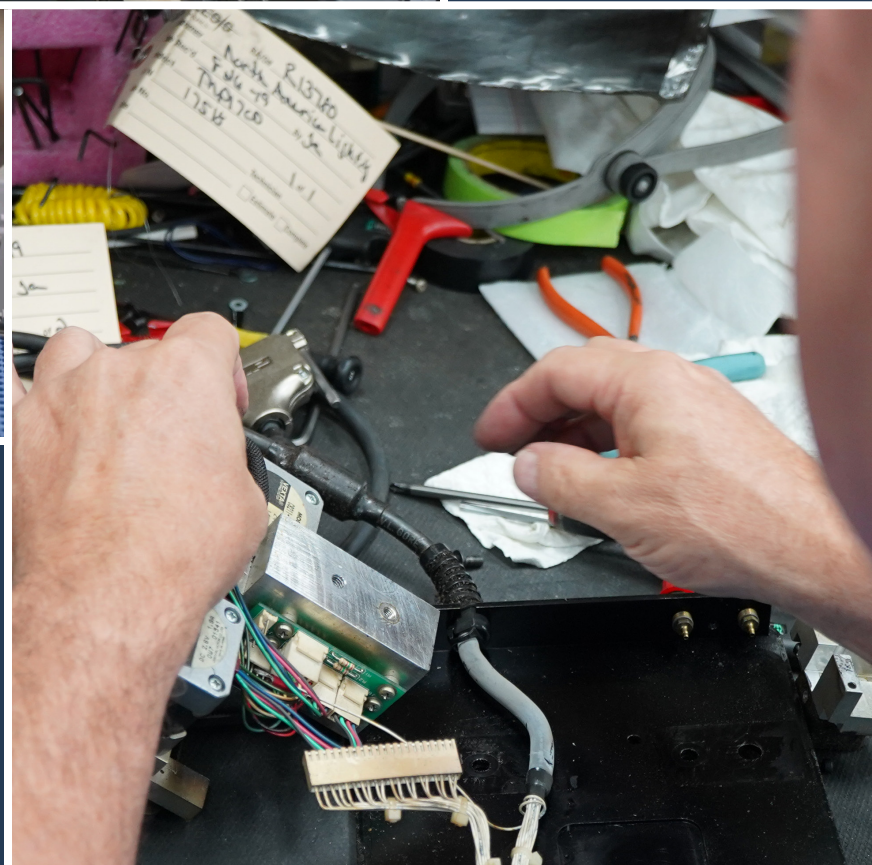
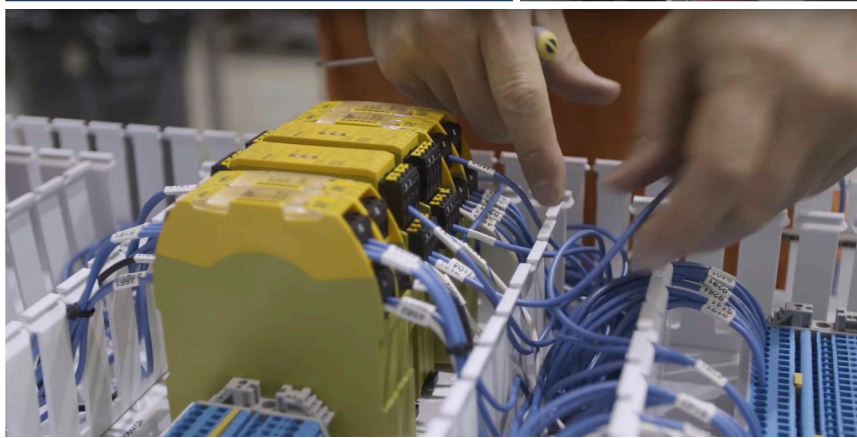
LEGENDARY
SERVICE
AND SUPPORT



If our broad range of
standard equipment doesn't
suit your needs, we will
**customize laser and dot
peen systems to meet
the most challenging
production requirements.**

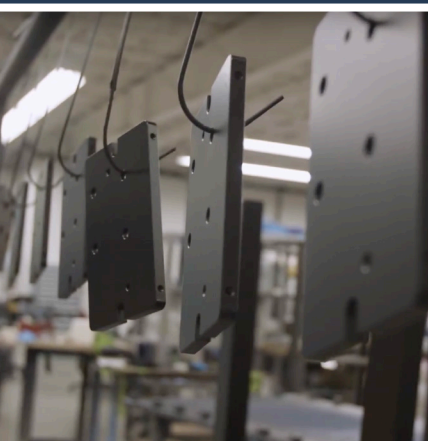


TOTALLY
TURN KEY



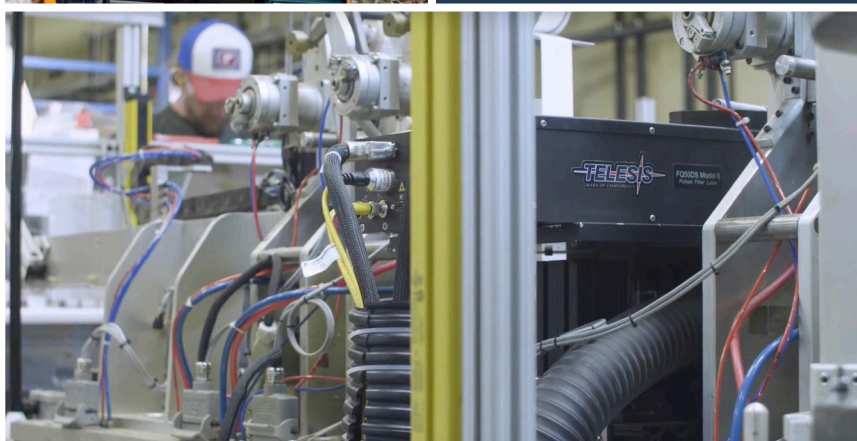
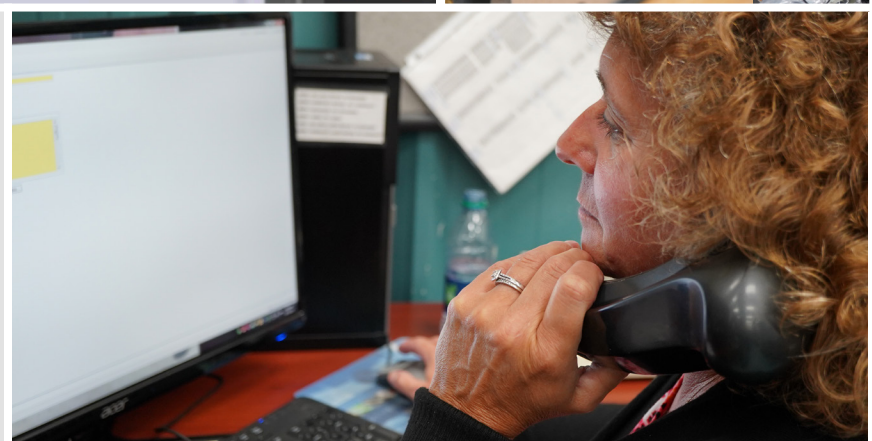
REPAIR

Careful attention
to quality **ensures
reliability through
the life of your
marking system.**

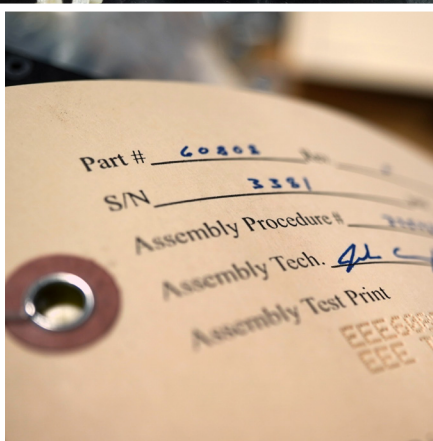


CUSTOM SOLUTIONS FOR

- ✓ Demanding Cycle Time
- ✓ Difficult Locations
- ✓ Automated Processes
- ✓ Mark-on-the-Fly



ON-SITE
INSTALLATION
& START UP



Robotics/AI/Industry 4.0

Automated marking solutions are the future of the industry. Automation makes production consistent and efficient. The reliability of **industrial automation perfectly matches Telesis’ rugged and durable products.**

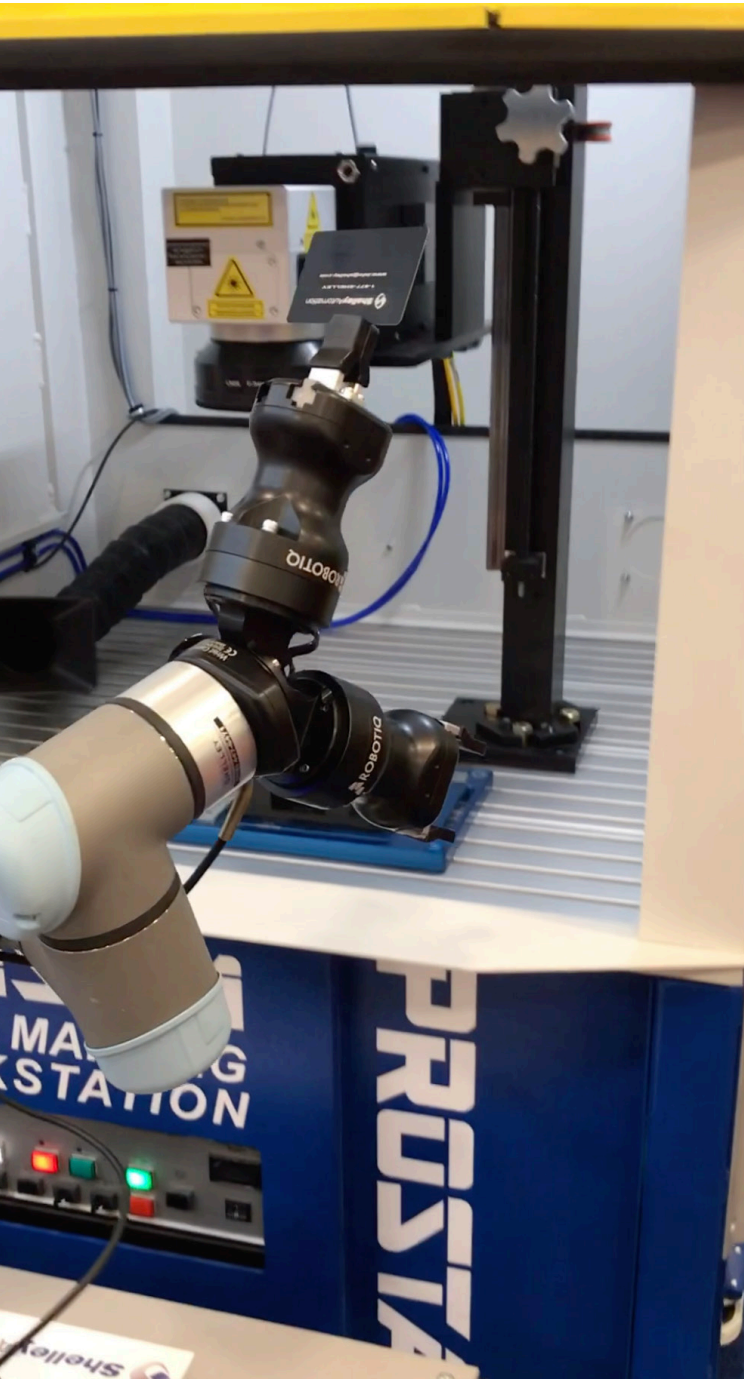
// Great for managing full control of z-axis focusing as well as **rotational control and location** for the laser-marking process

// **Incorporates with vision systems** to do inspections of the mark, or to use the system for cutting or welding

// Robotics **can perform functions where humans would be in danger**, creating a much safer options for challenging tasks

// High-volume marking applications are difficult for the operator to **provide consistency and repeatability**, and could present ergonomic challenges for human workers

// Telesis robotic integration is **great for medical clean rooms** with no human interactions with the parts at all. The part can be picked up and inspected by the robot with **no risk of contamination**



Global Presence, Local Solutions

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**TELESIS WORKS EVERY DAY TO
WOW OUR CUSTOMERS
AT EACH STEP**

OF THEIR PERMANENT MARKING AND TRACEABILITY JOURNEY

**TO DO THIS, WE DELIVER
THE ULTIMATE CUSTOMER EXPERIENCE,
CREATE ROBUST, SOLID,
LONG-LASTING PRODUCTS
AND PROVIDE EXPERT
END-TO-END SOLUTIONS**