GRAVOGRAPH

MECHANICAL ENGRAVING
SOLUTIONS

M RANGE

www.gravograph.com

OUR EXPERTISE
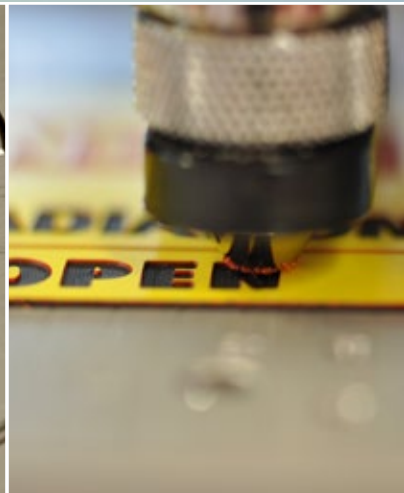# OUR MARKETS

INNOVATION

Our Center for Innovation and Technology partners with customers to test machines in real-life situations and drive strategy and product development.

Customer interaction is the key to our success. Every need is specific, and we understand them all. Our solutions are designed for both professional and large industrial engravers.

" In our sector, a constant stream of new products and applications is indispensable for lasting success. "

PERSONALIZATION

The personalization market is booming! Customers want to convey their personality through the products they buy. Expanding your offerings by selling personalization solutions will increase your conversion rate without requiring a large investment.

Gravograph offers engraving and cutting machines, as well as a wide range of engraving products, suitable for all shapes, sizes and materials.

SIGNAGE

Signage is everywhere! Badges, door plates, mailboxes, directional signs, ADA Braille signs, name tags, ID plates and much more! Gravograph engraving and cutting machines provide you with a simple and quick way to identify, inform and orientate your customers. Create small-scale signs for both indoor and outdoor applications.

By moving these items in-house, you substantially increase your profit margins.
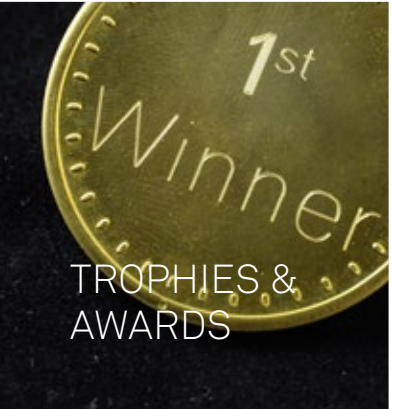
APPLICATIONS

PERSONALIZATION

SIGNAGE
& PROFESSIONAL
ENGRAVERS

TROPHIES &
AWARDS

FUNERAL

INDUSTRIAL

MORE GRAVOGRAPH
APPLICATIONS

›

M10 JEWEL

Engraving solution for rings and bracelets

DEDICATED TO JEWELLERY

This engraving machine has been developed in partnership with well-known jewelers and specifically designed for rings and bracelet personalization.

PLUG AND PLAY

Start engraving from the day you receive your new M10 Jewel. It is designed for easy installation and use.

AESTHETIC

Light and compact, the M10Jewel fits perfectly on a counter top or shelf. Its quality finish fits well in a jewelry environment and customers will be delighted to see it in operation.

mio Jewel

Description		Rings and bracelets engraving
Internal engraving (inch)	Min - max rings and bracelets width	0.06'' - 0.79''
	Min - max rings diameter	0.47'' - 0.98''
	Min - max bracelets diameter	1.77'' - 3.15''
External engraving (inch)	Min - max ring and bracelets width	0.06'' - 0.79''
	Min - max rings diameter	0.53'' - 0.98''
	Min - max bracelets diameter	1.97'' - 3.15''
Dimensions (inch)		9.06'' - 11.54'' - 11.42''
Weight (lbs)		14.33
Piloting system		Gravostyle™ software

A LITTLE MORE ABOUT... JEWELLERY

The M10Jewel was designed specifically for jewelers. It is praised by renowned jewelers for its precision, reliability, and practicality. Customize your rings and bracelets on the inside or outside surface with text or designs.

Tip from the experts: Use a diamond tipped cutter to ensure a neat, clean engraving even on the finest jewelry.

FOCUS ON... ENGRAVING ASSISTANTS

Diamond tip is automatically adjusted to reduce the risk of error. Our software assists you in the implementation of your engraving, for a fully controlled result. Easily place your text, symbol and logo on the interface, and preview the result before sending in engraving. Customization solutions for your machine can be offered when your project requires it.

M20 RANGE

M20 - M20 JEWEL - M20 PIX - M20 PEN

Compact and ergonomic engraving solutions

M20 Jewel

M20

M20 Pix

MULTIPURPOSE SOLUTION

Engrave on a wide range of applications such as jewelry, signage, photo engraving, funeral plates, pens, gift personalization and much more. The M20 range is controlled by any Gravograph software system utilizing a PC or tablet.

COMPACT

Contained within just over 1 square foot of counter space, the M20 range has maximized productivity and minimized space requirements. Auto-centering jig, quick pressure adjustment button, Z-axis position probe, error-free Point & Shoot engraving simulation, and more.

PORTABLE

The M20 range of machines are incredibly light and compact, weighing just over 20 lbs, they are easily transported and set-up at trade shows, fairs, demos and more. Add an optional carrying case and make transport even simpler.

	m20	m20 pix	m20 pen	m20 jewel
Description	Engraving of any material	Text and photo engraving on metallic items	Integrated pen rotary device	Integrated ring rotary device
Marking area (in)	3.93'' x 3.93''			
engraved item maximum dimensions (in)	6.69'' x 4.33'' x 1.57''			
Ring engraving	no	no	option	yes
Max Z clearance (in)	1.18''			
Dimensions (in)	13.58'' x 12.4'' x 12''			
Weight (lbs)	22		24	
Spindle speed (tr/min)	19,200	N/A	19,200	

Ring engraving	Internal	External
Min - max width (mm)	1 - 9	1 - 20
Min - max ø (mm)	12 - 24	12.5 - 27

A LITTLE MORE ABOUT...CUSTOMIZATION

The diversity of products and materials demand a flexible and customizable engraving solution. The M20 adapts to all your requirements such as flat or curved objects, plastic, metal, glass, wood and more. Offer a wide range of personalized products without overloading your shop.

FOCUS ON...THE RANGE

M20 comes in several forms, from the most affordable to the most complete:
- **M20** is ideal for engraving and customizing small items. Different tools allow precise engraving or milling on all types of materials
- **M20 Pix** is particularly effective for photo engraving on metallic surfaces utilizing a diamond tip
- **M20 Pen** is dedicated to pen engraving through its integrated rotary device
- **M20 Jewel** incorporates a rotary device for engraving rings

M40 RANGE

Versatile engraving solutions

M40 Gift

M40

PERFORMANCE COMES STANDARD

The M40 range comes equipped with an auto-centering jig and red aiming laser for Point & shoot capabilities allowing easy positioning without measuring. The GravogripTM table holds items firmly in place without leftover residue.

LARGE ENGRAVING AREA

With an engraving area of 12" x 8.26", the M40 range is ideal for engraving professionals. It provides optimum access to the work area and is able to engrave a wide range of materials such as metal, plastic, wood, glass and many others.

VERSATILE

Customize your machine to suit your needs. Thanks to the numerous accessories available such as various jaws and holding devices, Gravogrip table, cylindrical attachment, chip collector and more. Diversify your offerings and make your job easier.

	M40	M40 GIFT
Description	Engraving of any material	Integrated lubrication system for flat and cylindrical engraving
Marking area (in)	12'' x 8.26''	
engraved item maximum dimensions (in)	Unlimited x 10.23'' x 4.33''	18.5'' x 9.44'' x 7.48''
Cylindrical attachment min - max capacity	N/A	Ø 0.16'' - 4.33''
Max Z clearance (in)	1.57''	
Dimensions (in)	21.65'' x 20.07'' x 14.96''	29.52'' x 21.25'' x 22.44''
Weight (lbs)	41.8	77.1
Spindle speed (tr/min)	20,000	

A LITTLE MORE ABOUT... INDUSTRIAL SIGNAGE

Companies must meet stringent safety and internal communication standards such as technical room identification plates, electrical cabins, operating instructions for appliances, safety instructions and more. By moving signage fabrication in-house, it controls the final look while allowing for on-demand requests. The M40 meets many standards and provides deep, permanent and legible signs.
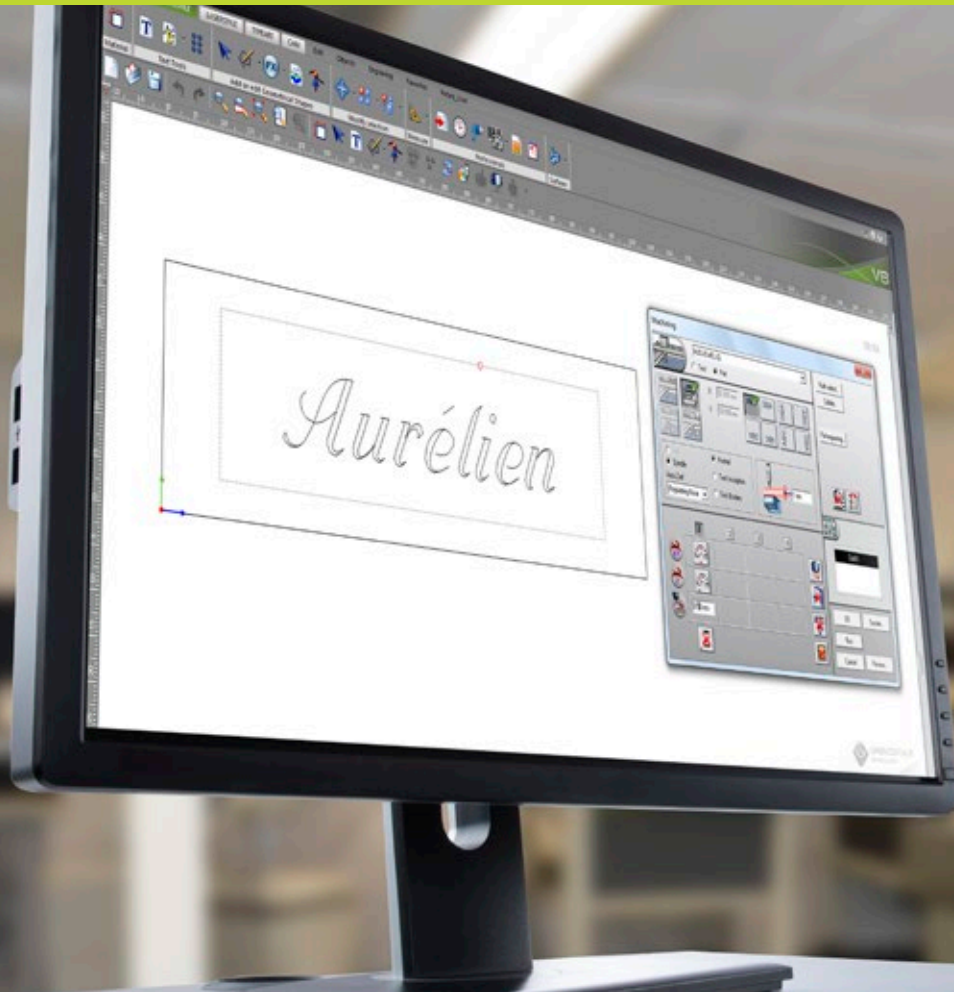
FOCUS ON... CYLINDRICAL ATTACHMENT

This accessory comes standard with the M40 Gift and is an option on the classic M40 machine. The cylindrical attachment allows you to engrave conical and cylindrical items without losing precision or sharpness. Produce unique bottles, glasses or even decanters and diversify your production.

GRAVOSTYLE™

Full-service engraving software

ENDLESS CUSTOMIZATION

This proprietary software suite simplifies the basics of engraving and allows everyone to simply create various applications. GravostyleTM is compatible with a catalog of more than 250 high-quality fonts.
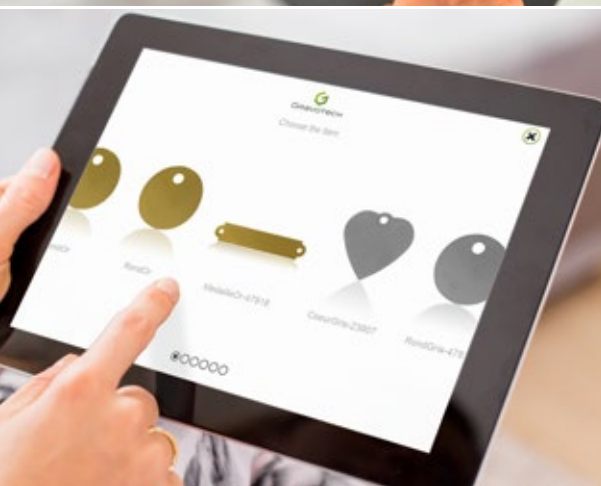
FOCUS ON... THE POSSIBILITIES

Gravostyle™ software can integrate many features:

- Professional wizards simplify your software manipulations

- Add depth to your signs, trophies and other items with 3D functions

- The matrix function imports variables and logos while simplifying template engraving.

- Photostyle: personalize your items with a high-quality photograph engraving.

ABC SOFTWARE

Simplified engraving software

TO MAKE IT EASIER

The ABC software is a simple and accessible engraving assistant. Compatible with all the presented machines, it is optimised to facilitate the use of the Gravograph machines. The ability to compose text with different fonts as well as to import your own catalog of symbols will satisfy your most varied needs. ABC is available in more than a dozen languages and is PC and Windows tablet compatible.

FOCUS ON... ABC TEMPLATE™

The solution for simple engraving of preselected products:

- Create your catalog of prerecorded items as you like and save time when launching your engraving

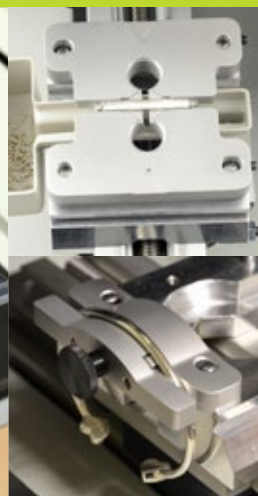- Limit the risk of errors by precisely previewing the positioning of the engraving on your support.

Its simplicity of use allows anyone to customizae and engrave small signage.

ACCESSORIES

JIGS

Gravograph offers a wide range of jigs which hold items secure during the engraving process. Specifically developed to be compatible with all our machines, the ensure a clean etching.
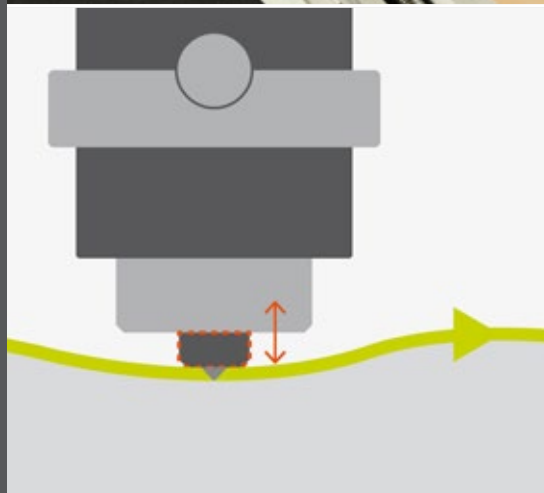
Need a customized jig? Contact your local office and let our engineers design a solution for you.

REGULATING NOSES

Keep a constant engraving on irregular surfaces with this indispensable accessory. The teflon regulating nose allows you to keep the same engraving intensity and depth throughout the process.

Works seamlessly with the chip collector and other accessories for a total engraving solution.

DEDICACE™

Finally, a solution that turns your own handwritten creations into a lasting engraving. Pick your shape, write or draw your personal message on the notepad, preview your inscription on screen, and start engraving !

CUTTERS AND INSERTS

Gravograph offers a wide range of cutting tools:

- Diamond tips: allow fine engraving on metal objects or photo engraving
- One Cut Cutters: deeply engrave or cut plastic and metallic materials

Tip from the experts: keep your cutter tip sharp to produce elegant engravings every time.

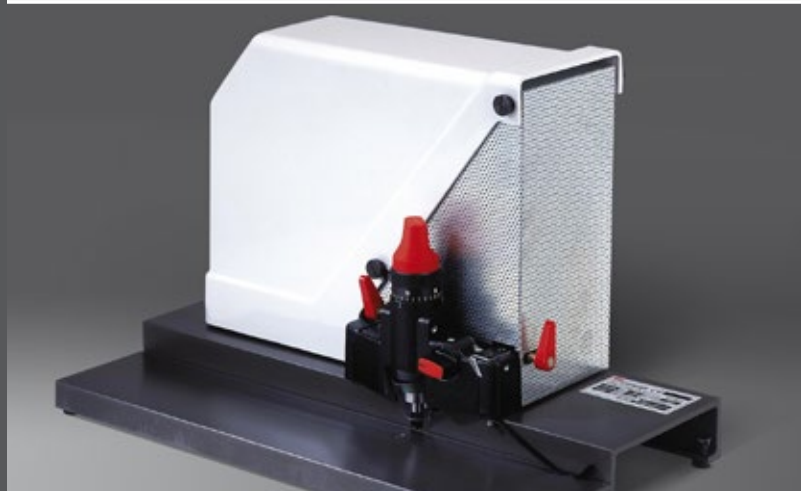# AUXILIARY EQUIPMENT

CHIP COLLECTORS

The process of engraving produces chips and shavings. If not properly removed, the accumulation can alter the proper functioning of your machine.

The chip vacuum keeps your work environment clean and guarantees a cleaner result. This compact and practical accessory is controlled by the machine and stops between two engravings to limit the noise. In case of precious metal engraving, you have the possibility to get the chips back.

BEVELLING MACHINES

Add beveled edges or rounded corners on your plates and badges to accentuate your hard work and stand out from your competitors. Our range of bevelling machines offer several possible bevelling angles for materials up to 1/8" thick.

GRINDING MACHINE

The CG30 grinding machine allows you to sharpen all conical and cylindrical Gravograph cutters.

The cutting angels can be selected using the graduated markings limiting errors. Safely grind cutters to the optimal shape and sharpness.

Operating with 3 types of grinding wheels, you can adapt your tools to your desired finish.

SAWS

The range of Gravograph circular saws cut most materials from plastics and light metals. Secured by a protective guard, precision cutting is ensured by a mobile stop with automatic return. The integrated chip vacuum keeps the cutting area free from debris. Available in different versions depending on the size and thickness of your materials.

A chip vacuum cleaner is integrated.

OUSTANDING SERVICES

CUSTOMIZATION & ADAPTATION

Gravograph is dedicated to its customers and offers customization and adaptation services.
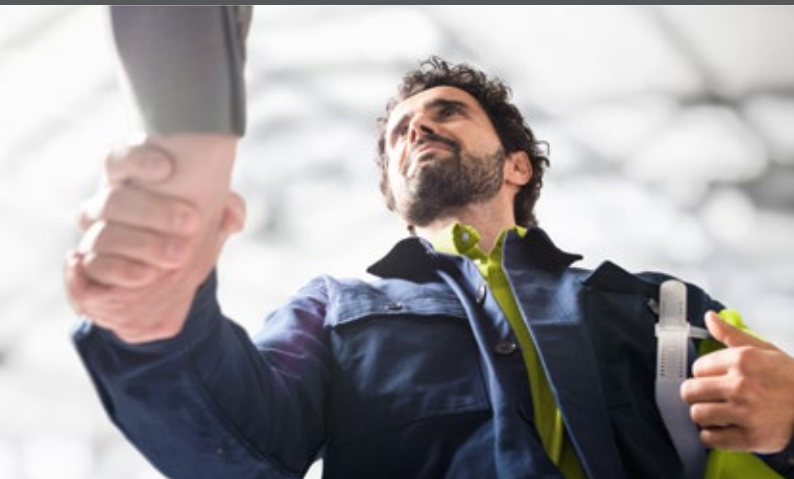
Whether customizing software to allow for data exchange between another system and your engraver, or designing custom holding devices, fixing mechanisms, or cutting tools for your machine, Gravograph can create the perfect solution.

INSTALLATION & TRAINING

Enjoy the convenience of Gravograph's team to install and implement your solution and help you get the most out of your equipment with proper training.

Users' needs evolve over time. Our proximity allows us to always be available to assist you and your business. Tailored maintenance contracts allow you to extend the reliability and life of your equipment while software upgrades enhance your machine's capabilities.

EXPERT ADVICE

At Gravograph, we pride ourselves on providing our customers the best way to do what they intend on doing with their solutions. That means the most careful consideration of your applications and requirements.

Experienced teams across 5 continents take the time to set up parameters of your machine preceisley to best accomplish your goals. No matter what your objective is.

QUALITY

The deployment of our quality policy allowed us to initiate an ISO 9001 certification process in 1999 and today our main industrial and commercial facilities are ISO 9001: 2015 certified.

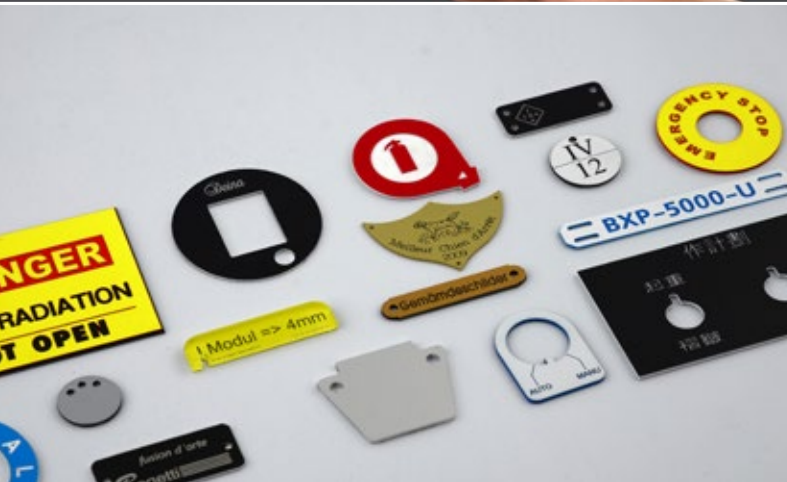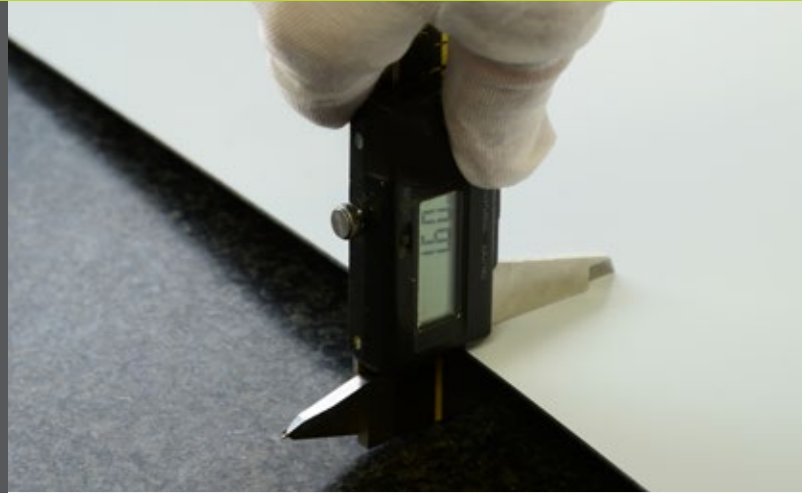# ENGRAVING MATERIALS

CHOOSE QUALITY

At Gravograph, quality is more than a norm or a concept, it is a state of mind guided by our desire for constant improvement.

Our Gravoply™ 1, Gravoply™ 2, Metallex™, Gravoglas™ 2-Plex and Gravotac™ materials are considered top quality in more than 150 countries around the world.

As manufacturer, we take great care to select the best components to offer you quality engraving materials that take into account regulatory and environmental obligations (REACH, RoHS, UL94 standard …). This ensures that your customers will meet all requirements.

A COMPLETE RANGE

900+ references of plastic and metallic materials, 70 colors, 20 thicknesses, and 4 finishes. A wide range of options for all your engraving applications: signage, personalization, trophy labels, name badges, logos and more.

PERSONALIZED SERVICE

Looking for a specific product not listed in our standard catalog? Gravograph will manufacture plastic exactly to your specific needs.

Choose your color, thickness, ply (2ply, 3 ply, double-sided), finish, size and plastic composition. Colors can be reproduced according to RAL, Pantone or NCS color codes.

Save time and money by using our on-demand cutting service: custom cutting, bevelling, drilling, rounded corners, folding, adhesive or magnetic, badges, digital printing and so much more.

Utilize our service and all you have to worry about is engraving!

ABOUT GRAVOTECH

Gravotech is the global leader in cutting, engraving, scoring and permanent marking solutions for the personalization, signage and traceability sectors. The group has two main brands: Gravograph and Technifor. Gravotech is the reference supplier of laser and mechanical machines and materials for cutting, engraving and scoring operations. Technifor specialises in dot peen marking, scoring and permanent marking machines using lasers dedicated to traceability.

Gravotech's head office is in Lyon, France, and it operates three production sites and provides solutions via 21 subsidiaries and distributors in over 100 countries, employing 920 people worldwide.

Additional information on the group, its products and services is available on our sites: www.gravotech.com, www.gravograph.com and www.technifor.com

"

The deployment of a group quality system is the basis of our common goal: customer satisfaction.

"

Gérard Guyard - CEO

The head office in Rillieux-la-Pape

The manufacturing workshop in La Chapelle-Saint-Luc (France)

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GRAVOGRAPH

GRAVOTECH GROUP

CERTIFIED MANAGEMENT SYSTEM
ISO 9001