Gravograph

ROTARY
ENGRAVING
MACHINES

engraving solution
m40 series

Innovative solutions for engraving and marking

www.gravograph.us

m40

An affordable, versatile and gifted engraving system that is fast, quiet and easy to use.

CHARACTERISTICS

- Machine Dimensions: 22 x 20 x 12.6 inches (550 x 510 x 320 mm)
- Product Weight: 40 lbs (18 kg)
- Shipping Weight: 52 lbs (23.4 kg)
- Engraving area: 12 x 8.2 inches (305 x 210 mm)
- Z stroke: 1.57 inches (40 mm)
- Max Holding Capacity: 9.2 x 1.57 x unlimited inches (234 x 40 x unlimited mm)

m40^{abc}

The M40ABC comes complete with everything you need to start engraving!

CHARACTERISTICS

» Machine Dimensions: 21.7 x 23.2 x 14.2 inches (550 x 590 x 360 mm)
» Product Weight: 40 lbs (18 kg)
» Shipping Weight: 52 lbs (23.4 kg)
» Engraving area: 12 x 8.2 inches (305 x 210 mm)
» Z stroke: 1.57 inches (40 mm)
» Max Holding Capacity: 9.2 x 1.57 x unlimited inches (234 x 40 x unlimited mm)

M40 STANDARD/DEEP VICE

The **M40** combines **Gravotech's engraving and build quality with ground-breaking productivity**. The high powered 50W, direct-drive spindle is great for even metal. No matter the shape, engraving has never been faster, thanks to **automatic engraving depth adjustment**.

The M40 features an **open working area** giving the operator easy access to the job and materials. The design also features a **depth nose allowing for constant engraving**, particularly on uneven surfaces. **Simulate your engraving job** before you engrave with the integrated laser pointer, **reducing errors**. Complete range of accessories and jigs are available for engraving any item.

Training sessions in person or via webinar are also available to learn the specific techniques that make Gravotech machines the best!

M40 ABC

The **M40ABC** is a completely **autonomous engraving machine requiring no PC** to operate. The software is supported by a **TouchPad** allowing the design of plates with text, logos and drawings. All engraving jobs are saved on an SD card allowing for easy upload and recall. The TouchPad is so simple to operate, **no engraving knowledge is required**.

All the same engraving power of the standard M40 with less hassle. **Simply plug and play** with the M40ABC.

Each engraver comes with a generous warranty and the availability of on-site service performed by our trained technicians.

Advanced system with integrated vice and cylindrical attachment providing quick change-over, increasing productivity.

CHARACTERISTICS

- Machine Dimensions: 29.5 x 21 x 22 inches (750 x 540 x 570 mm)
- Product Weight: 77.2 lbs (35 kg)
- Shipping Weight: 87 lbs (39.4 kg)
- Engraving area: 12 x 8.2 inches (305 x 210 mm)
- Z stroke: 2.8 inches (40 mm)
- Max Holding Capacity: 9.2 x 18.5 x unlimited inches (234 x 469.9 x unlimited mm)

>> Flat-Work Table

>> Cutters

>> Rotating Pen Attachment

>> Range of jigs

>> Range of depth regulating noses

>> Chip collector

>> Gravogrip™

>> Dedicace™

>> Automatic plate feeder
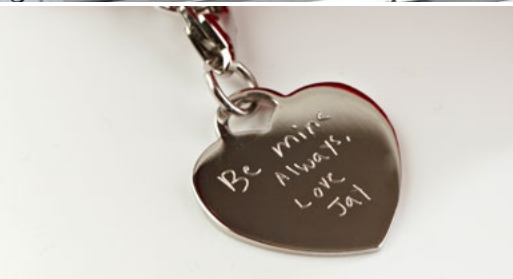
>> Travel case

M40 GIFT

The **M40 Gift** includes all the great features of a standard M40 but also produces advanced quality engraving results on glass using a **self-circulating, lubrication pump**. With the addition of a **tilt table** you are able to engrave beveled glasses such as pilsner with ease, reducing the chance of errors and creating a beautiful mark that is hard to miss. Along with the stellar capabilities on glass the Gravograph M40 Gift can tackle materials such as gold, silver, brass, aluminum, engravable plastic and more.

DEDICACE

Add **Dedicace™** to your engraving machine and **engrave hand written sentiments** on any product to create a one-of-a-kind gift. See the Dedicace™ leaflet for more information about this interactive accessory.

CUSTOM ENGRAVING SOLUTIONS

The Gravograph M40 is the most popular rotary machine from Gravotech. With that popularity, our expert engineers have spent countless hours customizing this machine to provide the perfect engraving solution for a wide range of applications. **Whether you need a custom holding device, machine stand, or something completely customized. Gravotech can provide the solution**. Discuss your customization options with your representative today.

GRAVOSTYLE
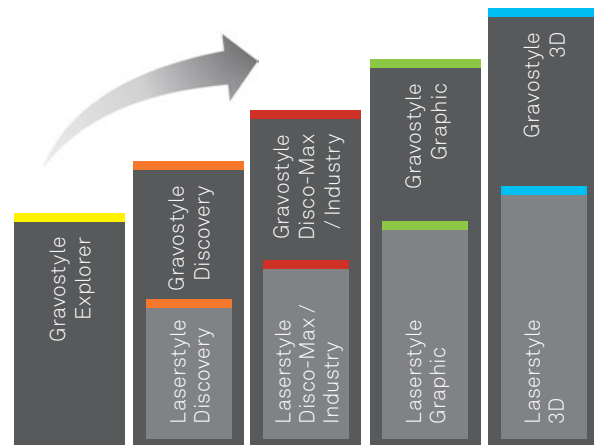SOFTWARE SOLUTION

Gravostyle™ is available in 6 levels, offering a wide range of business functions adapted to different activities .

Functions roll over and are included in higher levels.

New electronic licence system allows users to easily update their software online.

Functionalities available at all levels:

- Practical and intuitive interface
- Personalization of the work space
- Step-by-step function assistance
- Interactive and dynamic help with videos
- Machine accessories management: cylinder attachment and automatic plate feeder (APF) etc.
- Compatibility with True Type fonts
- Management of left/right and top/bottom script
- Engraving parameters saved with the job
- Zoom, print, grid and guide-line functions

LEVELS

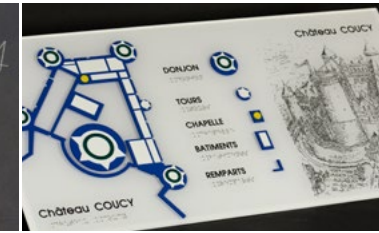|	Explorer [rotary]	Discovery [rotary + laser]	DiscoveryMax / Industry [rotary + laser]		Graphic [rotary + laser]	3D [rotary + laser]
	Essential lettering capabilities	Go hybrid Drive laser & rotary technology	**DiscoveryMax** Productivity pack	**Industry** Power, precision and productivity	Unleash your creativity	Take your engraving to a new dimension

CHARACTERISTICS

Explorer	Discovery	DiscoveryMax	Industry	Graphic	3D
• Import of vector files (DXF, EPS, HPGL etc.) and images (BMP, JPG, PNG and TIF etc.) • Plate Point & Shoot: makes it possible to define the engraving area directly on the machine • Standard text functions • Automatic centering function and centering texts on their plate • Pre-routed engraving fonts • Extensive choice of symbols • Intuitive management of toolpaths by color with advice on the choice of tools • On-screen preview	• Duplication of plates and lists of variables • Management of plans • PDF import and file export (PDF, DXF, EPS, HPGL etc.) • Alignment and conversion tools • Geometric shapes • Laser control capacity using predefined parameters • Calibration: simplified discovery of engraving parameters for new laser materials	• Scanning and vectorization • Point mode and bitmap editor • 2D grooving by color • Personalization font pack (over 100 fonts) • Scripts (macro functions)	• Graduations and dials • Scripts (macro functions) • Long plate • Measurement instruments • Grouped import • Import of external data (CSV, TXT, Excel, SQL, ODBC etc.) • Shape duplication tools	• Nesting (material optimization) • CAM module (advanced tool management) • Powerful on-screen simulation and rendering • Advanced Braille toolpath management • Print & Cut module • LED positioning module • Laser photograph engraving module • Cutter (die, etc) • Shading (3D effect)	• Surface design and manipulation tools • Styl'Art 3D model module • 3D texture • Sculpting tool • 3D CAM toolpath management • 3D preview tools • All 2.5D functions come as standard

OPTIONS

Explorer	Discovery	DiscoveryMax	Industry	Graphic	3D
Personalization pack: • Photograph processing Dedicace™ freehand drawing • Additional pre-routed engraving fonts	• Braille production • Font editor	• Curved text	• Barcodes, Datamatrix™, QR Code and UID - unique identification with management of variables	• 2.5D toolpath for jewelry, punches and intaglio for signage • Laser toolpaths for deep marking	

APPLICATIONS

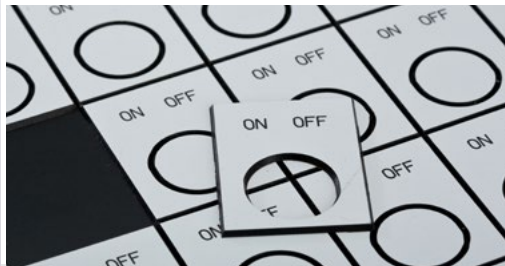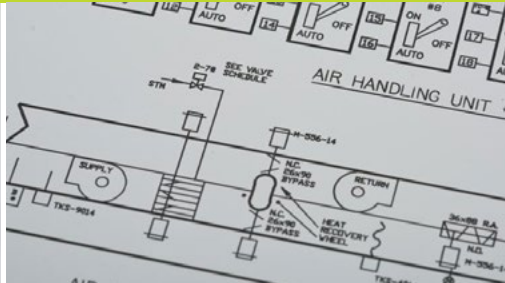| Explorer	Discovery	DiscoveryMax	Industry	Graphic	3D
• Badges, letter box plaques and door plaques • Photograph engraving • Jewelery and gift market • Pens • Pet tags, Key rings • Ornamental plaques • Labels for valves and push buttons	• Engraving of plates in series runs • List of variabilized names • Small signage • Funeral plaques • Rubber stamps	• Scanning and printing of logos • Trophy plaques • Plaques with texts and logos • Signage with texts and logos	• Machine plates • Front panels • Identification and traceability parts • Printed circuits • Linear and 2D barcodes • Laser cutting of paper and cardboard	• Laser photograph engraving • Model making • Marquetry • Hot irons • Design and production of trophies • Cutting out of printed signage • Trade sign design	• 3D signage • Display stands • Embossing dies • Food-grade moulds • Furniture decoration • Models and prototypes • Trophies and awards • Commemorative plaques

Since 1938, Gravotech brands have been global leaders in the design, manufacturing, sales and support of innovative solutions for engraving, marking and artistic modeling.

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IDEAL FOR:

- Signage

- Plastic or Metal Plates

- Jewelry

- Pens and Gifts

- Glasses, Mugs & Bottles

- ID plates

- Badges

- Labels

The Gravotech Group represents a worldwide network present in 30 countries with more than 900 employees working around the clock to provide customers with exceptional permanent marking solutions. As a global leader in durable marking technologies such as engraving, laser, micro-percussion and scribing, we utilize our expertise to develop and market equipment, software and consumables for every application, from personalization to architectural signage and industrial part marking.

GraVOGraPH

GRAVOTECH GROUP