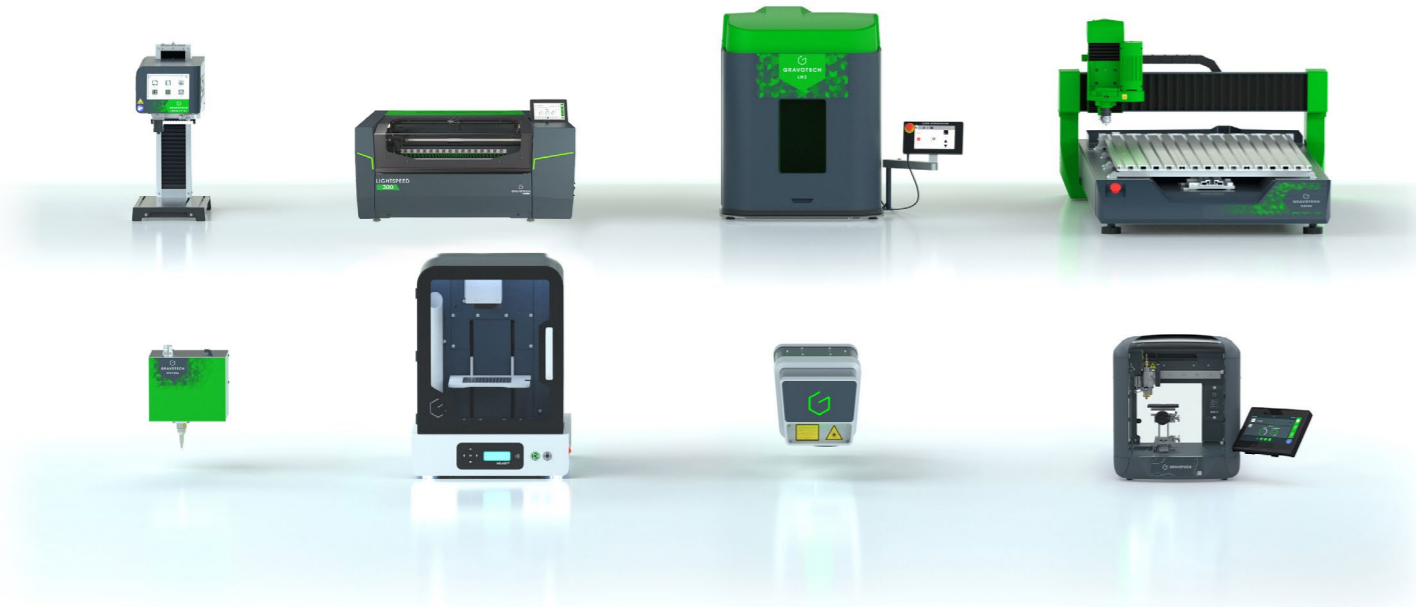




ENGRAVING & MARKING OVERVIEW

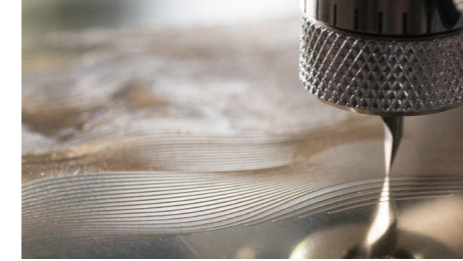


CONSUMABLES

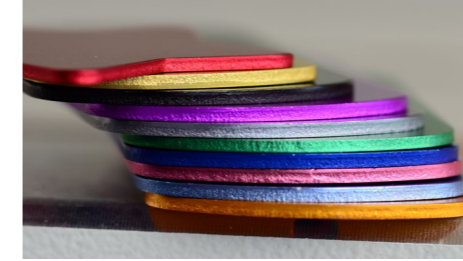
Our material range has been specially developed for engraving and cutting. "Surface" or "reverse" engraving, laser marking or cutter engraving, also compatible with digital printing, all our ranges of plastic, metal or stratified materials are available in a spectrum of colours, thicknesses, and finishes.



Laser materials



Rotary materials



Engravables



Signage



Cutters & Inserts



Engraving supplies

SOFTWARE

Our engraving and cutting expertise lead us to build our own software. Create your engraving and cutting paths, pilot your machines, design your 3D jewellery, Anything is possible!



ABC

ABC software is the easiest engraving software for Gravotech laser and rotary machines. Engrave in only 3 simple steps, from a computer or a tablet!



GRAVOSTYLE™

One-of-a-kind piloting software for Gravotech laser and rotary engraving machines.



LASERTRACE

Lasertrace is the Gravotech industrial software for traceability and identification. Various functions are available in a simple and friendly interface, for all industrial production needs.



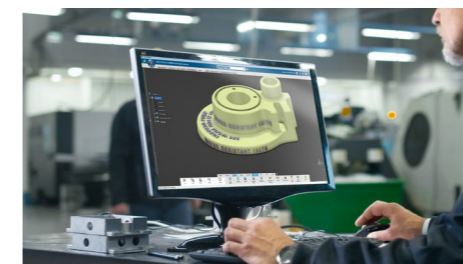
3DESIGN

Cutting edge 3D software for jewellery design that will keep your business ahead.



TYPE EDIT

For over 30 years, TYPE EDIT is the complete CAD/CAM software solution. Taking your ideas and drawings, through design and machining to production.



TYPE3-CAA

TYPE3-CAA is the only add-on available in CATIA® environment for text creation and mapping.

SERVICE & SUPPORT

With our direct presence in over 50 countries, we always have a marking and engraving expert close to you to bring their expertise and know-how in qualifying your application, installing your equipment and training your collaborators.



Training



Technical Support



Maintenance

ABOUT GRAVOTECH



Gravotech is a **global engraving, marking and cutting expert** with over **80 years of experience** and a **presence in 77 countries** worldwide. Trusted by **60,000+ customers**, Gravotech delivers complete solutions including **machines, materials, consumables and software**.

In 1938, Gravograph revolutionized engraving in the United States with the compact Pantograph Machine. In 1981, Technifor pioneered dot peen technology for permanent marking. Today, Gravotech integrates the legacies of Gravograph, Technifor, and Type3. In 2024, Gravotech became part of Brady Corporation, a global leader in identification and safety solutions.

Gravotech in video



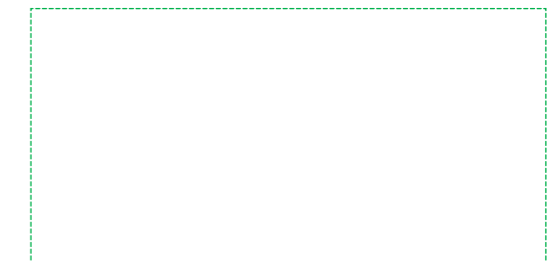
GRAVOTECH

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BENCHTOP MACHINES

INTEGRABLES MACHINES

CNC TABLES

IS400 / IS400 VOLUME

One of a kind metal engraving machine

ISx000

The large format CNC engraving machine

LASER TABLES

LIGHTSPEED 300

The laser machine that outperforms its category

LS100

CO2 laser engraver for signage, creative cutting, and personalization

LS900

The large laser engraver that can do everything

INTEGRABLE LASER MARKERS

FIBER

Integrated laser marking system for metal and plastic parts

GREEN

Integrated laser marking system to mark highly reflective materials and sensitive plastic materials

HYBRID

The best compromise between versatility, high quality and high speed to meet all your marking needs

MOPA

Boost your industrial marking performance with unmatched versatility and contrast

CO2

High-speed laser engraver: the best to mark organic materials and coated surfaces

| | | |
|---------------------------|---|---|
| Application scope | ●●●● | ●●●● |
| Technology | Rotary, diamond dragging | Rotary, diamond dragging |
| Max. marking area (L x H) | 305 x 210 mm (12 x 8") | IS6000: 610 x 410 mm (24 x 16") IS7000: 610 x 815 mm (24 x 32") IS8000: 610 x 1220 mm (24 x 4") |
| Spindle power | 90 W (optional spindle: 150 W) | 90 - 200 W (optional spindle: 150, 750, 1k W) |
| Max. object height | IS400: 105 mm (4") IS400 Volume: 400 mm (15.75") | 80 mm (3") |

| | | | |
|---------------------------|---|-----------------------------------|---|
| Application scope | ●●●● | ●●●● | ●●●● |
| Laser source | CO2 | CO2 | CO2, Fiber, Edge |
| Power | 30 - 40 - 50 - 60 W | 30 W | CO2: 40 - 60 - 80 W Fiber: 20 - 30 - 50 W Edge: (CO2: 40 W / Fiber: 20 - 30 - 50 W) |
| Max. marking area (L x H) | 610 x 305 mm (24 x 12") | 460 x 305 mm (18 x 12") | 610 x 610 mm (24 x 24") |
| Lenses | 1.5" - 2" - 3" - 4" Extra Clearance: 2" - 4" | 1.5" - 2" - 2.5" - 3" - 3.5" - 4" | 1.5" - 2" - 2.5" - 3" - 3.5" - 4" |
| Max. object height | 150 mm (5.9") | 145 mm (5.7") | 250 mm (9.8") |

| | | | | | |
|-----------------------|--|----------|-----------|-----------|----------|
| Application scope | ●● | ●● | ●● | ●● | ●● |
| Wavelength | 1064 nm | 532 nm | 1064 nm | 1064 nm | 10600 nm |
| Power | Fiber: 20 - 30 - 50 W Fiber Energy: 20 - 30 - 50 W | 5 - 10 W | 10 - 20 W | 30 - 60 W | 30 W |
| Process automation | Industrial Ethernet Networks: PROFINET / ETHERNET IP | | | | |
| Embedded intelligence | Autonomous / Programmable by PLC / No PC required / Traceability Management | | | | |
| Laser classification | Class 4 Laser system, possibility to switch in Class 1 for integration on a station or equipped with Mini-inline module. | | | | |

ENGRAVING STATION

M20 X

Custom engraving for all kind of purposes, from jewellery and perfume to small industrial signage

M40 / M40 GIFT

Multi-purpose rotary engraving machine for signage and gifts

LASER STATIONS

WELASE™

Small laser engraving station

LW2

Fully automated laser marking station

LW3

Fully automated high volume industrial laser station

INTEGRABLE DOT PEEN

XF510 p

The fastest pneumatic dot peen marking machine on the market

XF510 m

The precise and consistent electromagnetic dot peen marking machine

XF530 p/m

Deep and indelible dot peen marking

| | | |
|---------------------------|--|---|
| Application scope | ●●●● | ●●●● |
| Technology | Rotary, scribing | Rotary, scribing |
| Max. marking area (L x H) | 100 x 100 mm (4 x 4") | 305 x 210 mm (12 x 8") |
| Spindle power | 25 W | 30 W |
| Max. object height | 100 mm (4") | 110 mm (4") |
| Dimensions (L x W x H) | 368 x 350 x 363 mm (without screen) (14.5 x 13.8 x 14.3") | 550 x 510 x 320 mm (27.7 x 20 x 12.6") |

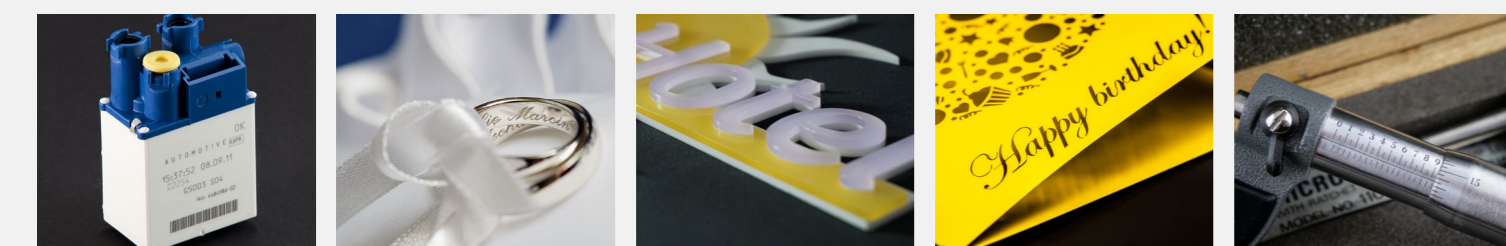
| | | | |
|---------------------------|---|---|---|
| Application scope | ●● | ●●● | ●●● |
| Laser source | Fiber, Hybrid, Green, CO2, MOPA | Fiber, Hybrid, Green, MOPA | Fiber, Hybrid, Green, MOPA |
| Use rate | Adapted for small to medium batches | Fully automatic / Adapted for high use rate | Fully automatic / Adapted for high production rates and large parts |
| Max. marking area (L x I) | 110 x 110 mm (4.3 x 4.3") | Up to 205 x 205 mm (8 x 8") | Up to 875 x 300 mm (34 x 12") |
| Max. object height | Fiber, Hybrid, Green: 100 mm (4") CO2: 180 mm (7") | Up to 322 mm (12.7") | Up to 628 mm (24.72") |
| Max. object weight | 3 kg (6.6 lbs) | 25 kg (55 lbs) | 50 kg (110.23 lbs) |

| | | | |
|---------------------------|---|---|---------------------------------------|
| Application scope | ● | ● | ● |
| Technology | Dot peen Pneumatic | Dot peen Electromagnetic | Dot peen Pneumatic or Electromagnetic |
| Main advantage | Speed | 2D codes | Deep marking |
| Max. marking area (L x H) | Cp: 50 x 20 mm (2 x 0.8"), Sp: 100 x 80 mm (4 x 3.15"), Dp: 200 x 80 mm (7.9 x 3.15") | Cm: 50 x 20 mm (2 x 0.8"), Sm: 100 x 80 mm (4 x 3.15"), Dm: 200 x 80 mm (7.9 x 3.15") | 200 x 50 mm (7.9 x 2") |
| Material hardness (HRC) | < 62 | < 62 | < 62 |

APPLICATIONS OF ENGRAVING, MARKING AND CUTTING

Look around you and you'll notice that most objects around you are marked, engraved or customised. Find them and you'll find Gravotech!

- Identification
- Personalisation
- Signage
- Creative
- Manufacturing



DOT PEEN STATION

IMPACT

Benchtop dot peen marking station

| | |
|---------------------------|--|
| Application scope | ● |
| Technology | Dot peen pneumatic or electromagnetic |
| Software | Integrated traceability software with colour touchscreen |
| Marking area max. (L x H) | 100 x 120 mm (4 x 4.7") |
| Z axis stroke | 300 mm (11.8") |
| Z axis type | Manual or motorized & programmable |

Want to know more ?



INTEGRABLE SCRIBING

XF510 r

The quiet metal marking machine

SV530

The VIN scribing marking machine

| | | |
|---------------------------|---|---------------------------|
| Application scope | ● | ● |
| Technology | Scribing | Scribing |
| Main advantage | Quiet | Deep marking |
| Max. marking area (L x H) | Cr: 40 x 50 mm (1.6 x 2") Sr: 80 x 50 mm (3.15 x 2") Dr: 160 x 50 mm (6.3 x 2") | 120 x 40 mm (4.72 x 1.6") |
| Material hardness (HRC) | < 62 | < 62 |