



## Rotary Engraving Solution

# engraving solution IS400 volume

Innovative solutions for engraving and marking

[www.gravograph.us](http://www.gravograph.us)

# IS400 volume

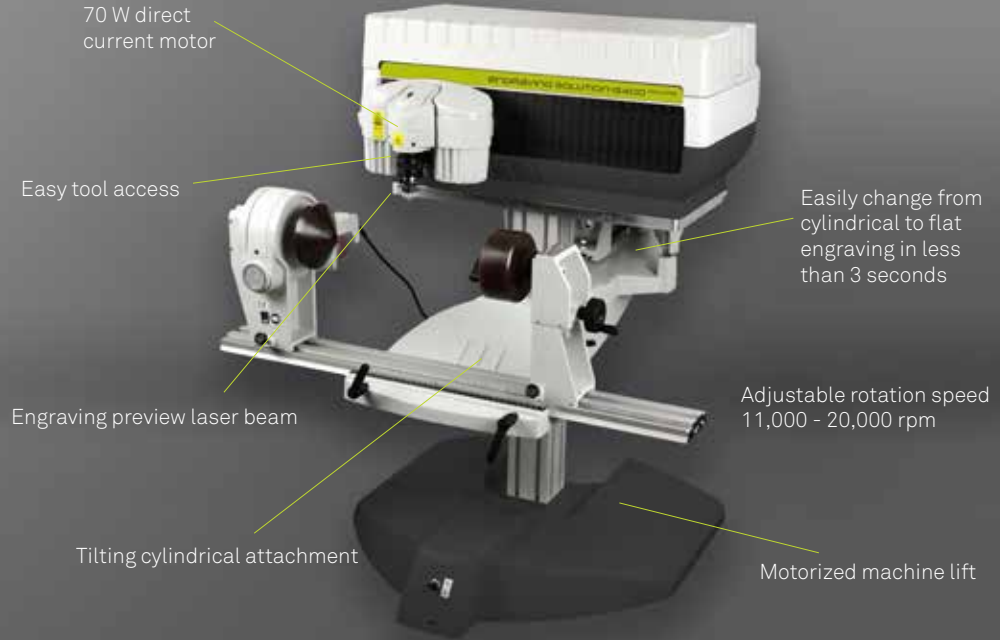
## PRODUCTIVITY - POWER - CAPABILITY

### INNOVATIVE

Gravograph rotary machines from Gravotech are available with a host of unique and innovative features.

The IS400 Volume features **iQ+** or "intelligence quotient". The iQ+ at Gravotech was specifically designed for Gravograph engraving machines.

Offering **streamlined electronics**, **new-generation firmware** and between the engraver and the computer.



### VERSATILE

Perfect for **delicate personalization or industrial marking**. This version of the IS400 is specifically designed to meet the **rigorous requirements** of industrial marking. In addition, the IS400 Volume can **delicately engrave** on materials such as glass and crystal creating the **perfect all around solution**. Flexible, it's base allows engraving items of all of shapes (cubic, cylindrical, conical) and **switching from engraving on flat materials straight to cylinder objects in less than 3 seconds**.

### EXCEPTIONAL SOFTWARE

Powered by **GravoStyle™** software. This unique software platform **concentrates Gravotech's engraving expertise** to offer you full support, whatever your engraving application. The software synchronizes your IS400 Volume and its accessories, creating a **powerful production team**. GravoStyle™ provides fully integrated software to **reduce engraving errors** by saving job settings and previewing work on the screen before you engrave. This decreases the amount of time to work the machine and **reduces repetitive tasks**.

## TECHNICAL SPECIFICATIONS

### CHARACTERISTICS

- Machine Dimensions: 35.4 x 24.2 x 33 inches (900 x 615 x 840 mm)
  - Engraving area: 12 x 8.2 x 4.5 inches (304.8x 208.28 x 114.3 mm)
  - Product weight: 198 lbs (90 kg)
  - Shipping weight: 254 lbs (115kg)
- Maximum holding capacity:
- Vice: unlimited x 9 x 14.5 inches (unlimited x 228.6 x 369.8 mm)
  - Table: 13 x 10.2 x 1.4 inches (330.2 x 259.08 x 35.56 mm)

### Cylindrical:

- Maximum diameter: 13.78 inches (350 mm)
- Length: 19.69 inches (500 mm)
- Maximum Object Weight: 44 lbs (20kg)

### STANDARD FEATURES

- Cylindrical device
- Motorized central clamping system
- GravoStyle™ software
- Point and Shoot

### Spindle:

- Standard 11/64 inch spindle
- Rotation speed 20,000 rpm variable
- Maximum spindle travel: 1.6 inches (40mm)
- 75 W collet spindle motor

## ADDITIONAL ACCESSORIES

- Vacuum table
  - Collet spindle
  - Large cone kit
  - Pen attachment
  - T-slot table
  - Machine stand
  - Cutters
  - Chip Collector
  - Raster® Braille Kit
- Optional Spindle:
- 1/8 inch
  - 1/4 inch

### PERFORMANCE

The IS400 Volume **combines Gravotech's engraving and manufacturing quality with ground-breaking productivity.** Adjustable rotation speed from **11,000 to 20,000 rpm** for machining of a variety of materials. **Very quiet and powerful** spindle motor with direct current.

### ERGONOMICS AND DESIGN

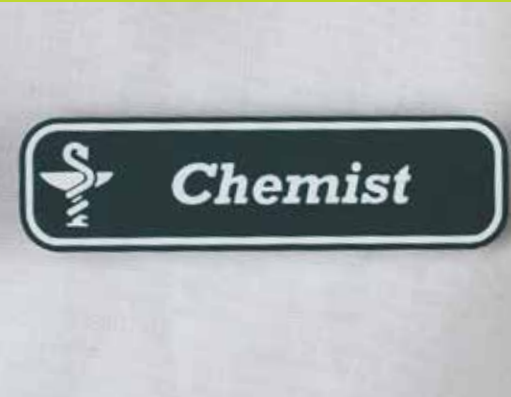
The IS400 Volume design features complete **access for easy loading and unloading** of the objects being engraved. **A motorized lifting system makes switching from engraving on flat materials to cylindrical objects simple.** Save time and increase profitability by using the **Point & Shoot** feature to easily determine the engraving area of any object. No rulers needed! Preview your engraving with the built in laser beam. **Ensure every engraving is accurate** before you permanently engrave your item. This feature lets you engrave with **no errors and reduce waste.**



## APPLICATIONS

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:

- Picture frames
- Corporate awards
- Jewelry boxes
- Plaques
- Platters
- Wine buckets
- Signage
- Industrial part marking
- Bottles
- ADA Signage

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, is a registered trademark of Gravotech, Inc.**

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