

# **EGX-20 Engravers**

## **New Product Information**

### **Overview**

I am pleased to introduce the NEW model EGX-20 engraving machine that will be available in March.

From a sales point of view, the EGX-20 adds depth to our new family of Engraving machines. The EGX-20 is perfect for the business that does have room for a larger engraver, but requires a smaller compact powerful machine. Ideal for the office environment the EGX-20 is very quiet and easy to use. The EGX-20 is offered at a low price, but provides advanced functions that are intended for the professional engraver.

From a mechanical point of view, the EGX-20 offers AST (Active Surface Tracking System) technology. By magnetically sensing, the nose cone can keep constant engraving depth even on a complex curved surface. The Active Surface Tracking System always senses the material surface for economical tool up/down. The EGX-20 offers 8" x 6" x 1.25" work area.

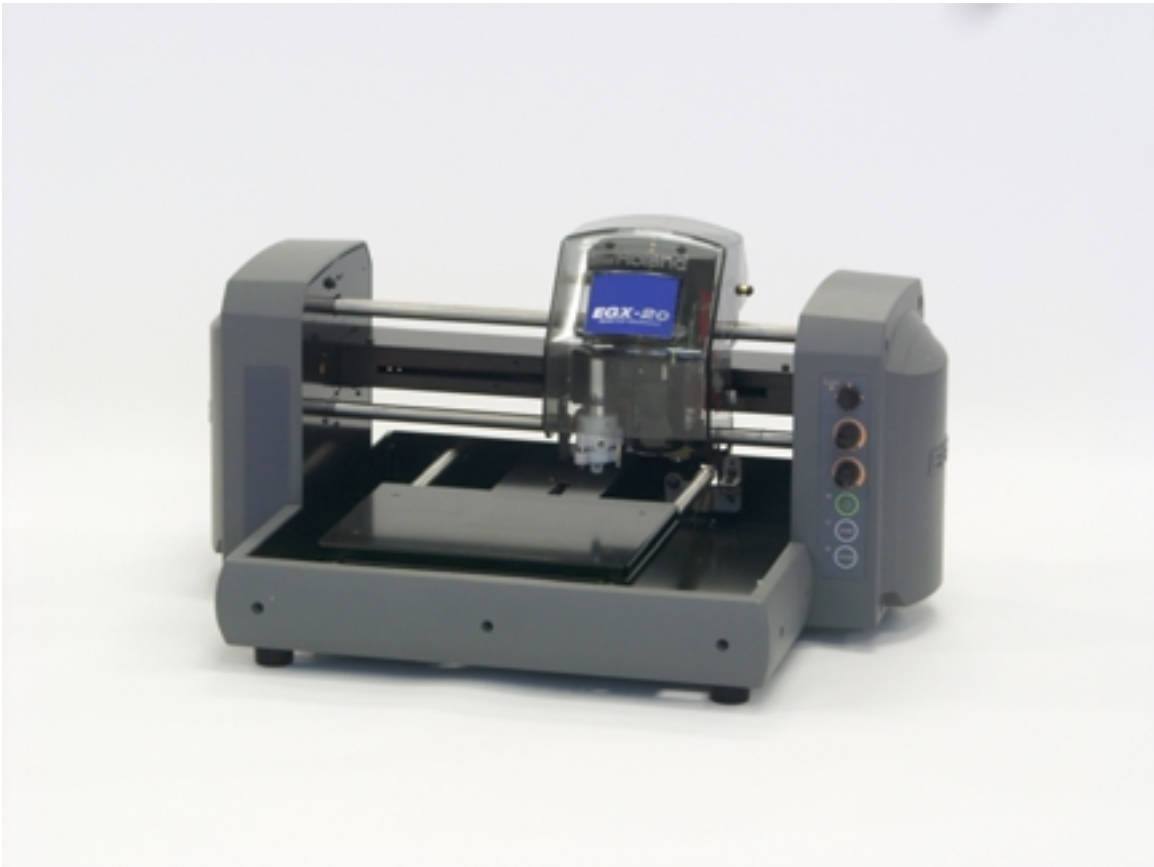
The 15,000-RPM spindle motor on the EGX-20 produces amazing quality engraving on a variety of materials. Compatible materials include, but are not limited to, light metals such as brass, aluminum, and acrylics. The EGX-20 is also capable of engraving dual-coated micro-thin plastics for professional badges, nameplates, key rings and luggage tags. It will also diamond scribe-coated brass for trophy plates.

Included with the EGX-20 is a complete suite of engraving software. Dr. Engrave produces high quality engraving utilizing TrueType fonts. 3D Engrave allows you to produce 3D reliefs for outstanding awards. Virtual MODELA enables simulation of finished shapes for previewing on your computer screen before beginning production. Also available as an add-on is EZ Engrave professional software. EZ Engrave comes with engraving specific fonts, ADA design, and a variety of fill patterns.

### **Availability – March**

#### **List Price:**

**EGX-20 \$3995.00**



***Key Features***

- **Active Surface Tracking System**
- **Easy to Use Control Panel**
- **2D and 3D engraving software included**
- **Quiet Operation**
- **Compact size**
- **Low Price**

## Features

### ❑ **Software and Drivers**

Dr. Engrave gives you the option of using industry standard TrueType fonts. You can also create your own designs or import a Windows bitmap file or Vector Art from Roland DXF files. Dr. Engrave features an automatic layout function that allows you to import an Excel database file in CSV format for multiple-plate applications. Dr. Engrave quickly and easily imports your data and permits you to place columns of information into predefined text boxes to produce an entire hospital door-numbering project or nametags for a large company. Software and Window drivers are compatible with Microsoft windows® 95/98/Me/NT4.0, 2000 and XP.

### ❑ **Intuitive Control**

The simple user display and control panel allows easy, quick setup and a wide variety of functional controls. Other convenient features include an intuitive control panel with a convenient joystick for control of the X, Y and Z-axes and rail tracking for smooth, accurate engraving.

### ❑ **AST (Active Surface Tracking System)**

A magnetic sensor prevents scratches on materials and enables the EGX-20 to maintain a constant engraving depth even on a curved surface.

### ❑ **Tools**

With the EGX-20 you have the option of using any industry standard 1/8in. (3.175 mm) engraving bit.

### ❑ **Interface**

Parallel (compliant with IEEE 1284)

### ❑ **Power Consumption**

Auto voltage sensing AC100/120/220/240V

The EGX-20 is available for shipping in March. For any specific questions on this product, please contact Matt Owens, Associate Product Manager – 3D & Engraving Devices at Ext 281 or [Mowens@rolanddga.com](mailto:Mowens@rolanddga.com).

*EGX-20 Specifications*

Work Area	8" x 6" x 5" (220mm x 170mm x 31.8mm)
Table load weight	Maximum 2.2 lb (1 kg)
Carriage operating speed	X and Y axes: 0.1 to 15 mm/sec.; Z axis: 0.1 to 6 mm/sec.
Cutting-depth control	AST (Active Surface Tracking) system
Maximum cutting depth	3D Cutting mode: 0.002" to 0.27" (0.05mm to 7 mm ) Engraving mode: 0.002" to 0.039" (0.05mm to 1mm)
Cutable material	Composition: Resin (rigid acrylics, modeling wax, ABS, polyacetals, polycarbonates, foamed material, etc.), wood, and gypsum
Maximum material thickness	1.18" (30 mm)
Resolution	0.01 mm/step
Spindle motor	S-3650, 19V
Spindle rotating speed	4,000 to 15,000 rpm