

# EGX-20 Features

## ***Bang for the Buck***

Priced slightly above a manual pantograph-style engraver, the EGX-20 is the perfect computerized engraving solution for the entry-level engraver working on a tight budget.

## ***Compact Performer***

The EGX-20's low profile, small footprint and quiet operation make it the perfect desktop engraving device for any office, shop or even home. Yet, its 8-by-6-inch work area and industry-standard 0.125-inch diameter spindle provide professional-grade precision and performance.

## ***Easy Set-Up and Operation***

Simply design your badge, nameplate, or trophy plaque in Letter-Art software. Attach your blank plate onto the EGX-20 engraving bed and press "Output". A joystick on its control panel makes it easy to control the X, Y and Z axes for smooth, accurate engraving.

## ***Active Surface Tracking System***

Among the most revolutionary of the EGX-20's features is its Automatic Surface Tracking System. AST automatically tracks the height of the material to ensure engraving at a consistent depth, even on bowed or non-uniform surfaces. Unlike systems that can take extensive trial and error to learn, AST makes setting the origin point and cutting depth effortless. Now you can produce consistently beautiful results with less learning time and less wasted materials.

### ***How AST Works?***



An automatic height sensor is attached to the lower end of the spindle unit. In addition to tracking the height of the material, AST controls the spindle and cutter height automatically. It also protects the surface from being scratched by cutting debris. A choice of three-different-diameter nose cones is included, allowing you to choose the most appropriate size, depending on the line thickness or curvature of the material.

\*AST may not be able to engrave some materials, depending upon their shapes and/or design.

## ***Compatibility***

With its 15,000-rpm spindle motor, the EGX-20 is powerful enough to engrave on a wide variety of popular materials, including acrylics, PVC, ABS, polycarbonate and wood. With the optional diamond scraper and burnishing attachment, you can also scribe light metals such as aluminum and brass for awards. Securing the material to the worktable is easy with the included adhesive sheet. Once you select the material to be engraved from the menu of the included software, the

EGX-20 automatically determines optimum cutting speed and tool path, assuring smooth accurate results.

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