

# Newing-Hall, Inc.



# Service & Support

## Versatility

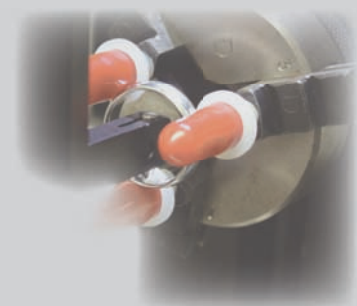
*Newing-Hall systems are used in a wider variety of applications than any other brand of computer controlled engravers. The work-holding versatility of our tables is unsurpassed. Our open bed table design and 4th axis cylindrical option allow engraving on irregularly shaped items as diverse as bowling balls, artificial heart valves, injections molds, champagne buckets and wine bottles. Imagine, one system capable of marking an impression on virtually any object that is engraveable.*

**Free Support  
for life!**



## Proven Track Record

*Our roots go back over 100 years to the Taylor-Hobson line of manual pantograph engravers. Today our engineers use modern technology to build upon these proven engraving fundamentals. When you buy from Newing-Hall you're not just buying technology that leads our industry, you're buying a company that will stand behind its products with unmatched customer service and support. Find out why Newing-Hall systems are accepted by professional engravers as the most versatile and reliable systems in the world. Whether your requirements are big or small, we have what it takes to make a great impression!*



## Speak with the same tech that built your system!

*You can have new production capabilities and technologically advanced American made equipment that not only pays for itself, but gives you versatility, convenience, increased production and an array of options for virtually unlimited engraving applications.*

# Controller & Software

## 3-Dimensional Motion Control Technology

The APEX-HPGL Controller, available in 2 or 3 axis, is a true three dimensional controller using HPGL protocol. It allows you to produce 3-D relief in stamps, dies, molds, and upscale awards. The HP3 includes Direct Numeric Control, a new enhanced productivity feature that allows the machine operator to access jobs from a remote hard drive. Information is communicated by an LCD display which allows changes to engraving parameters, such as speeds and feeds, to take place at the controller, thus eliminating a trip back to the design station.



## EngraveLab

EngraveLab is the complete design and engraving software solution aimed at maximizing the potential of rotary engraving systems. Add another dimension to text, logos, and artwork using EngraveLab Expert's automated engraving fill routines. Quickly scan and vectorize artwork, then easily clean up with flexible node editing tools. The badge routine reduces layout time and improves production time. Automatically substitute text from a variable list. Type text with on-screen display of the text properties, and easily fit text to an arc or a complex path.

Drag & Drop, Cut, Copy & Paste  
File Preview

Scaling, Sizing Fitting, Alignment  
Unlimited Undo/Redo

Import Stroke Width (CMX, DXF, AI, EPS)

Online Help

Grids & Guides

Create & Edit Shapes & Graphics

Color & B/W Printing

Dimensioning/Measuring Tool

Job Cost Notes

### Standard Features



Color & B/W Scanning

Re-Engrave

True Type Font Support

WYSIWYE Text Compose

On Screen Auto Layout

Engrave Text and Graphics

Columnizing

Badging

1100 Fonts & 5000+ Clipart

Node Editing for Vectorized Graphics

# Flatbed Models

## Model 240DS\*

Engraving Area: 247.5 sq. In.  
X-Axis Travel: 16.5"  
Y-Axis Travel: 15"  
Work Holding Capacity  
X-Axis: 17"  
Y-Axis: Unlimited  
Dimensions: 26" W x 31" D x 16" H  
Weight: 68lb. Net / 81lb. Gross



## Model 300

Engraving Area: 247.5 sq. In.  
X-Axis Travel: 16.5"  
Y-Axis Travel: 15"  
Work Holding Capacity  
X-Axis: 17"  
Y-Axis: Unlimited  
Dimensions: 26" W x 31" D x 16" H  
Weight: 68lb. Net / 81lb. Gross

## Model 400

Engraving Area: 300 sq. In.  
X-Axis Travel: 20"  
Y-Axis Travel: 15"  
Work Holding Capacity  
X-Axis: 21"  
Y-Axis: Unlimited  
Dimensions: 32" W x 31" D x 26" H  
Weight: 72lb. Net / 85lb. Gross



## Model 600

Engraving Area: 720 sq. In.  
X-Axis Travel: 30"  
Y-Axis Travel: 24"  
Work Holding Capacity  
X-Axis: 31.75"  
Y-Axis: Unlimited  
Dimensions: 42" W x 41" D x 26" H  
Weight: 240lb. Net / 280lb. Gross

### Standard/Optional Features On All Flatbed Models

Spindle: 11/64" Rotary

Options: 1/4", Collet, Diamond Drag

Actuation: Adjustable Pneumatic (Stepper Optional)

Vertical Travel: 1"

Clearance 1.125" (up to 12" Optional)

Speed: 0-24,000 RPM/Variable

Motor: 1/5 hp DC Permanent Magnet

Bearings: Three Class 7

Multiple Spindles: Available

Vise: Optional

Holding Capacity: Up to 16" L x 12" H

Vise Adjustment: Up to 65° Rotation, 35° Tilt

Cylindrical: Optional

Holding Capacity: .25" to 10.5" Dia. x 16" L

Concentricity: .002"

\*240ds comes standard with diamond spindle

# Floor-Standing Models

## Model 350

Engraving Area: 247.5 sq. In.  
X-Axis Travel: 16.5"  
Y-Axis Travel: 15"  
Work Holding Capacity  
X-Axis: 17"  
Y-Axis: Unlimited  
Dimensions: 26" W x 31" D x 49" H  
Weight: 166lb. Net / 192lb. Gross



## Model 450

Engraving Area: 300 sq. In.  
X-Axis Travel: 20"  
Y-Axis Travel: 15"  
Work Holding Capacity  
X-Axis: 21"  
Y-Axis: Unlimited  
Dimensions: 32" W x 31" D x 49" H  
Weight: 180lb. Net / 206lb. Gross

## Model 460

Engraving Area: 300 sq. In.  
X-Axis Travel: 20"  
Y-Axis Travel: 15"  
Work Holding Capacity  
X-Axis: 21"  
Y-Axis: Unlimited  
Dimensions: 32" W x 31" D x 49" H  
Weight: 372lb. Net / 425lb. Gross



## Model 650

Engraving Area: 720 sq. In.  
X-Axis Travel: 30"  
Y-Axis Travel: 24"  
Work Holding Capacity  
X-Axis: 31.75"  
Y-Axis: Unlimited  
Dimensions: 42" W x 41" D x 62" H  
Weight: 415lb. Net / 480lb. Gross

### Standard/Optional Features On All Floorstanding Models

Spindle: 11/64" Rotary

Options: 1/4", Collet, Diamond Drag

Actuation: Adjustable Pneumatic (Stepper Optional)

Vertical Travel: 1"

Clearance 1.125" (up to 12" Optional)

Speed: 0-24,000 RPM/Variable

Motor: 1/5 hp DC Permanent Magnet

Bearings: Three Class 7

Multiple Spindles: Available

Vise: Standard

Holding Capacity: Up to 16" L x 12" H

Vise Adjustment: Up to 65° Rotation, 35° Tilt

Cylindrical: Standard

Holding Capacity: .25" to 10.5" Dia. x 16" L

Concentricity: .002"





# Accessories &

*Make your life easier with a few Newing-Hall accessories. Newing-Hall manufactures a variety of*



Bracelet/Ring Adaptor



Small 3 Jaw Chuck



Pen Jig



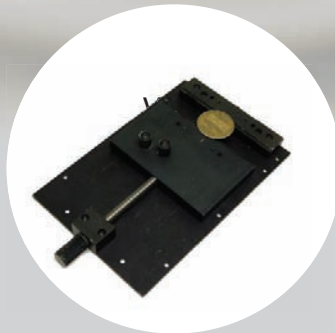
Remote Regulator



Glass Kit



Air Compressor



Vise



Chip Removal System

# Machine Add-ons



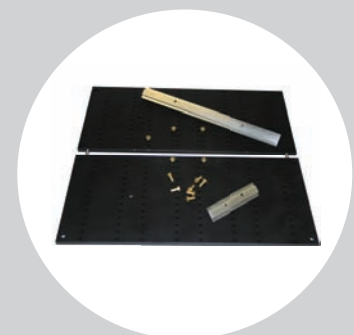
*holding options, and will even create custom fixtures if your application calls for it.*



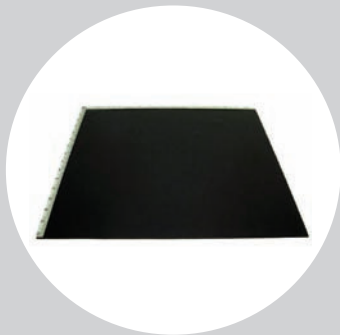
3 Jaw Chuck



T-Slot Table



Clamping Table Plates



Dynagrip Table



Diamond Spindle



Dual Rotary Drive Kit



Solution Vise Attachment



Badge Jig



Wine Bottle Boot Kit

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Newing-Hall, Inc. engraving machines  
are proudly manufactured in the U.S.A.

