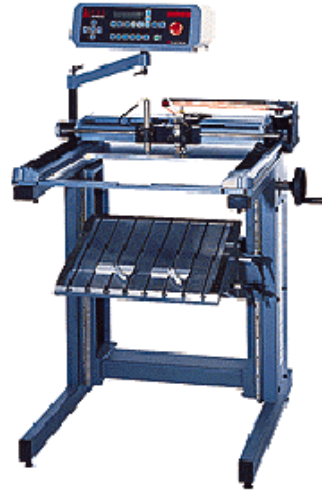


## Newing-Hall APEX-460

Newing-Hall engraving systems have exclusive features making them the most versatile engraving machines in the industry. They give you unmatched capability to engrave on irregularly shaped items made of metal, plastic, wood, or glass. Newing-Hall is a definite leader in the field of computer controlled engraving.

Jackson & Associates combines excellent technology and superior service to offer the industry's finest engraving solutions.



## Technical Specifications

|                              |   |
|------------------------------|---|
| <b>Engraving Area:</b>       | 300 Square Inches   |
| X-Axis Travel:               | 20.0"   |
| Y-Axis Travel:               | 15.0"   |
| <b>Work-Holding Capacity</b> |   |
| X-Axis:                      | 21.0"   |
| Y-Axis:                      | Unlimited   |
| <b>Table Design:</b>         | Open-Bed, Pass Through  |
| Table Type:                  | T-Slot + Table Plates or DynaGrip 15.0" Vertical Travel, 90° Tilt |
| Options:                     | Vacuum, DynaGrip  |
| Datum Detectors:             | Optional  |
| <b>Vise:</b>                 | Optional  |
| Holding Capacity:            | 16.0" L x 12.0" H   |
| Vise Adjustment:             | 360° Rotation, 90° Tilt   |
| <b>Cylindrical:</b>          | Optional Single/Dual  |
| Holding Capacity:            | .25" to 10.5" Diameter x 16.0" L                                  |
| Concentricity:               | .002"   |
| <b>Spindle:</b>              | 11/64" Diameter   |
| Options:                     | 1/4", Collet, Diamond Drag  |
| Actuation:                   | Adjustable Pneumatic (Stepper Optional)                           |
| Vertical Travel:             | 1.0"  |
| Clearance:                   | 1.125" to 15.0" Adjustable  |
| Speed:                       | 0-24,000 RPM/ Variable  |
| Motor:                       | 1/5 hp DC Permanent Magnet  |
| Bearings:                    | Three Class 7   |
| Multiple Spindles            | Available   |
| <b>Dimensions:</b>           | 30.0" W x 31.0" D x 62.0" H                                       |
| <b>Weight:</b>               | 372 lb. Net / 425 lb. Gross                                       |