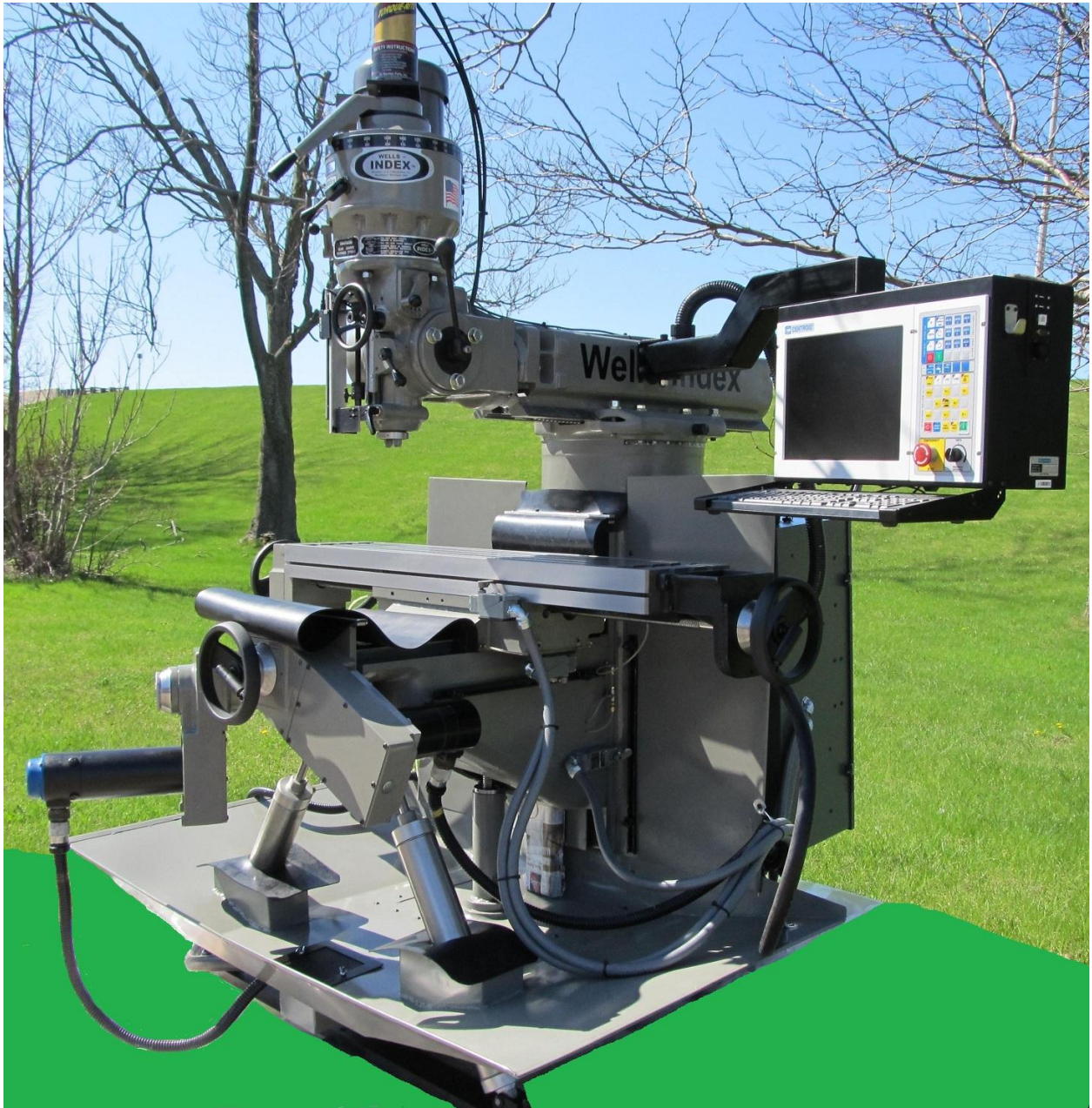


# WELLS-INDEX 847 CNC SYSTEM

with Centroid Control



SHOWN WITH OPTIONAL EQUIPMENT

## **MODEL 847 2 AXIS CNC SPECIFICATIONS**

### **TABLE**

|                        |                                  |
|------------------------|----------------------------------|
| Size Overall .....     | 10" x 48"                        |
| T-Slots:               |                                  |
| Number .....           | 3                                |
| Size .....             | 5/8"                             |
| Distance Between ..... | 2-1/4"                           |
| Dial Graduations ..... | 0.001"                           |
| Ballscrews .....       | 1-1/4" diameter precision ground |

### **RANGE**

|  |         |
|--|---------|
| Longitudinal .....                         | 30"     |
| Cross .....                                | 14"     |
| Vertical Knee .....                        | 16-1/2" |
| Center of Table to Column Face - Max ..... | 17"     |
| Center of Table to Column Face - Min ..... | 5"      |

### **VERTICAL SPINDLE**

|  |                       |
|--|-----------------------|
| Quill Travel .....                             | 5-1/4"                |
| Head Tilt - Forward & Backward .....           | 45 deg.               |
| Head Rotation - Side to Side .....             | 90 deg.               |
| Turret Rotation on Column .....                | 360 deg.              |
| Spindle Nose to Top of Table - Max .....       | 16-1/2"               |
| Spindle Nose to Top of Table - Min .....       | 0"                    |
| Center of Spindle to Column Face - Max .....   | 28"                   |
| Center of Spindle to Column Face - Min .....   | 2-1/2"                |
| Spindle Taper (uses drawbar) .....             | R-8 or #30MMT;        |
| Spindle Rotation .....                         | Forward and Reverse   |
| Spindle Speeds - Infinitely Variable:          |                       |
| Back Gears .....                               | 50 to 525 RPM         |
| Direct Drive .....                             | 400 to 4200 RPM       |
| Spindle Motor (continuous duty) .....          | 3HP                   |
| Quill Feeds (3) - Per Spindle Revolution ..... | .0015", 0.003", .006" |
| Spindle drive motor .....                      | 3HP continuous duty   |

### **ADDITIONAL FEATURES**

Hard chromed ways      Spraymist system      Way covers  
Dual locks on Table, Saddle and Knee      One shot lubrication system  
Heavy duty ballscrew bearing package with reduction drive.

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