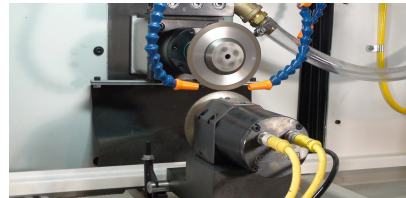


NEW UNISON CORPORATION



MODEL 2000 WDN CNC GRINDER FOR AUTOMATIC WHEEL DRESSING WITH NETWORKING CAPABILITIES



The Model 2000 WDN is a CNC Grinder designed for precise computer-controlled automatic wheel dressing. This machine is ideal for dressing both conventional and superabrasive grinding wheels. In addition, the Model 2000 WDN can be used as a network hub for your Unison Windows™ based CNC Grinders for storing and wirelessly retrieving your grinding wheel profile programs. The spindle of each machine is custom-made to fit the taper size of each customer's wheel adaptors so the Model 2000 WDN can be used to automatically dress wheels for any grinding machine.

The Model 2000 WDN is also shipped with a complete software package so you can use the machine as an off-line programming station to develop part programs for your Unison Grinders when you are not using it for automatic wheel dressing. The Model 2000 WDN is equipped with our state-of-the-art Unison Programmable Controller (UPC). The Computer Control can store up to 10,000 different grinding wheel profiles and up to 10,000 additional part programs which can be easily saved or accessed by the operator.

The Model 2000 WDN can be equipped with an optional Wireless Network Hub & Modem so the operator can send grinding wheel profiles and part programs to all of your Windows™ based Unison CNC Grinders. One of the major benefits of using the Model 2000 WDN as a network hub is the reduced potential for operator error when loading wheel profiles and part programs into your Unison grinding machines. Consult our Sales Department about how you can network all of your Unison machines using this machine.

The Model 2000 WDN is outfitted with a sheet metal enclosure designed for maximum coolant containment. It has sliding front doors for ease of access as well as for quick part loading and maintenance. The operator's control station features an industrial-grade touch screen color monitor and pushbutton station with keyboard which is conveniently mounted on a right-hand swivel at the operator's work level. The Model 2000 WDN is easy to use and requires only simple inputs using a fill-in-the-blank approach. The machine's base is constructed of metallurgically controlled cast iron, selected for its inherent vibration dampening characteristics and is heavily reinforced to resist bending and torsional twisting forces.

STANDARD FEATURES INCLUDE:

- ▶ Grinds Wheels up to 8" in Diameter & 4" Wide
- ▶ 220 Volt, 60 Hertz, 3 Phase Electrical Service
- ▶ Hand Scrapped Load Bearing Surfaces
- ▶ Heavy-Duty 3 Horsepower, 3600 RPM Spindle
- ▶ Automatic Ballscrew Lubrication System

OPTIONAL FEATURES INCLUDE:

- ▶ Electric Wheel Dresser
- ▶ Custom Diamond Rolls
- ▶ Wireless Network Hub & Modem
- ▶ Variable Frequency Spindle Drive
- ▶ Auto Advanced Paper Coolant Filtration System
- ▶ AC Servomotors & Drive Amplifiers

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"UNISON = GRINDING SOLUTIONS"

DESIGNERS AND BUILDERS OF QUALITY EQUIPMENT