

SNI Upgrades For HEALD 171 / 271 Series Machines

SNI offers comprehensive rebuilding, remanufacturing, and modernization of existing Heald internal grinders, helping you to better meet the grinding challenges of the 21st Century.

The scope of remanufacturing can be customized to best suit your needs and budget. After a comprehensive, “engineered approach” review of your grinding process requirements, the remanufacturing process may include:

- New control systems, developed specifically for internal grinders, and with special SNI-developed internal grinding software.
- Elimination of hydraulic controls for better quality, productivity, and reliability.
- Improved guarding, for both operator safety and coolant containment.
- Advanced wheel dressing technology, providing super rigidity and suitable for use with the latest in superabrasives.

Top: Heald Model 171, as received by SNI.

Center: Heald Model 171 rebuilt and updated by SNI. Technical highlights:

- Remanufacturing to OEM specifications.
- Providing “as new” functionality for all basic machine elements.
- Improved coolant containment guarding
- New Allen Bradley SLC PLC Control.
- Digital spark-out timers.
- Variable-speed workhead drive.

Bottom: Heald Model 171 converted to Model 1SN-1XC. Technical highlights include:

- Removal of hydraulic feed box.
- Electronic control of cross slide.
- CRT/Touchpad operator’s control console.
- High frequency wheelhead drive.
- Variable speed workhead drive.

