



Levels of SNI Support Services

Depending on your plant's requirements, SNI offers a variety of machine treatments at competitive prices.

Field Service:

We'll send an experienced service technician to you on short notice, worldwide, to get your machine back in good running condition. The initial phone consultation is free.

Operator & Maintenance Training:

Perhaps new operators and/or maintenance personnel need some training to get the most out of your grinder. SNI training packages can include both classroom and on-the-floor sessions.

Machine Repairs:

Many of these can be accomplished by field service. However others, such as the re-grinding and floating of hydrostatic bases and tables, dictate that the work be done at SNI's plant.

Partial Rebuilding:

A "fix-what's broken" economical approach to putting a machine in good, OEM running condition.

Re-electrification:

Replaces outdated electrical controls with modern electronic systems. Often done at the same time as partial and/or full rebuilding.

Full Rebuilding:

Elevates a machine to 100% OEM performance, quality and reliability. Also gives the opportunity to modernize selected machine features and capabilities.

Proprietary SNI Machines:

SNI produces a number of 21st Century machine configurations in one, two, or more axes of CNC control.



HOW TO REACH SNI...



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Attn: Maintenance Managers

If you're responsible for keeping your plant's **HEALD** grinders in operation, let us show you some of the areas where **Service Network, Inc.** can help.

Why should you call us? **SNI** has over 1,000 man-years of experience on **HEALD** internal and rotary surface grinders. For 20 years, **SNI** has been the place where **HEALD** users have turned to for the right answers.

What machine models does **SNI** handle?

- Cinternal's.
- 171's.
- 271, 272, 274, 275, 276 Series.
- 0CF, 1CF, 2CF, 3CF's.
- 273A's.
- 1EF's.
- 2EF73's, 83's, 93's.
- 161, 261, and 361 Rotaries (all sizes).
- And many others.



Look inside to learn more.



Precision Grinding Machines

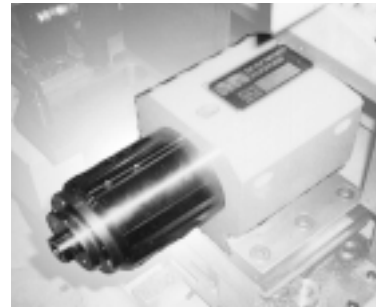


Repair Parts For HEALD Grinders

New and used components to keep you in production.

SNI carries a large inventory of repair parts - both *mechanical* and *electrical* components - both new or perfectly good used parts for next day delivery (if needed).

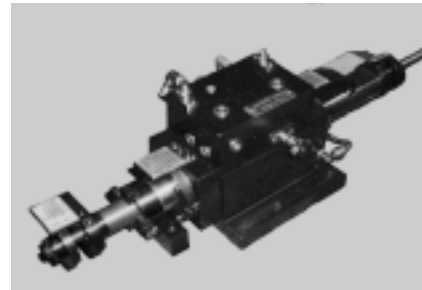
- Hydraulic capillary coils.
- Filter and filter elements of all types used on **HEALD** machines.
- Ball screws and Acme screw and nut matched sets.
- Electronic PC board replacement and/or exchange.
- Mechanical parts for cross slides, table units, dresser assemblies, oscillators, load mechanisms, feed and comp units, etc.
- Stainless steel foot guards and contoured wipers for CF table units.
- Chuck coils for magnetic backing plates.
- All types of gaskets, pins, springs, O-rings, Uneepacs and other hardware.
- And thousands of other **HEALD** parts.



New Wheelheads, and rebuilt HEALD Redhead spindles



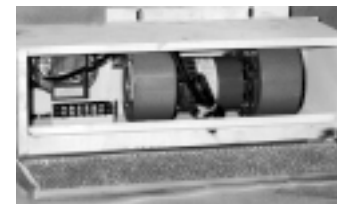
Table and cross slide unit rebuilding. Photo shows improved-designed foot guards and wipers for added longevity.



Improved-design single and double table index unit for CF grinders.



Feedbox rebuilding and/or exchange.



Improved blower unit design: A must for CF machines!



Rebuilding of HEALD Sub-assemblies

Our expert technicians can restore your HEALD grinder's units, or we can perform an exchange to further minimize your down-time,

SNI will restore unit assemblies for all major models of **HEALD** machines to like-new condition. If you need fast response, we'll work over a weekend to get you back in service. We stand behind all SNI rebuilds with full warranties.

- Hydraulic feed boxes.
- Electronic feed and cross slide control units.
- All wheelheads and workheads.
- Table reverse valves as well as other valves unique to Heald machines.
- Hydrostatic and or dovetail type cross slides.
- Single and double indexing table cylinders.
- Rebuilt blower units incorporate Dwyer pressure switches to replace old, troublesome vane switches.
- Hydrostatic table rebuilds can incorporate new proximity switches, more reliable than older type table switch units.
- Wheel dresser units - all types.
- Hydraulic diamond turner units.
- Tooling packages - engineering and manufacturing.
- Rework swivel plates to replace broken bosses, etc.



SNI Enhancements To HEALD Grinders

Increase your capabilities with SNI-improved designs.

We offer a wide array of SNI-designed replacement parts and assemblies, which provide increased reliability, productivity and flexibility over the original OEM designs. Examples:

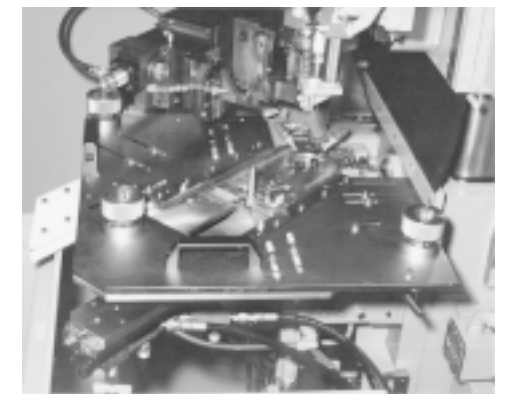
- Heavy-Duty Lift-up Dressers accept single point diamonds, diamond form rolls, plus rotary discs and/or cups. These rigid units yield improved part piece geometry and size holding properties.
- Part-specific SNI load/unload chute assemblies enable change-over in minutes as opposed to hours with traditional OEM adjustable chute arrangements. Proper chute alignment is inherent, eliminating misloads. Very superior wear qualities.
- All sizes of wheelheads, both belt-driven and high-frequency, to meet or exceed OEM specifications.
- Variable speed drive arrangements for wheelhead and workheads, engineered to meet application-specific requirements.
- Machine modification packages enable efficient use of CBN, SG and other superabrasives.
- SNI-designed single and double table index units for CF model machines are more accurate and easier to set-up.
- High-resolution cross slide systems, to replace obsolete compensation mechanisms found on CF models, greatly improve machine reliability and accuracy.

Improving Upon OEM Designs

SNI's Heavy-Duty Lift-Up Dresser



A solid one-piece cast body, extra-wide bearing spacing, a large diameter pivot shaft and a minimal linkage design results in a dresser unit providing the superior performance needed for today's superabrasive, and the reliability needed for tomorrow's production requirements.



Need to reduce your change-over time?

Innovations such as our shuttle loader system (pictured above) and single purpose load chutes will help you to reduce change-over time from hours to minutes.