

## SN115/200 Series Precision Production Grinding Machines



SN 115

### Unrivaled Accuracy and Performance

The Service Network International SN Series machines are an industry leader for internal, external, and multisurface grinding applications. The latest in control technology, combined with SNI's own grinding software, maximize output quality and optimize cycle time.

#### Autoload integration:

- Programmable controls
- HD lift-up dresser
- 2-axis control
- Infinite variable speed up to 4 axis control standard spindles
- Hydrostatic X & Z ways
- Ideal for bearings, automotive components, and aerospace

EDAC Machinery is an industry leader in precision grinding applications. Our extensive experience translates to unrivaled parts, services and performance knowledge. Our engineering expertise and support ensure you keep production moving forward with confidence.

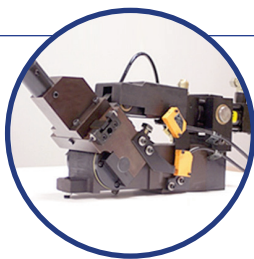


## Grinder Features:

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| <ul style="list-style-type: none"> <li>• Full two-axis control standard</li> <li>• Precision ball-screw/servomotor actuated slides</li> <li>• Super-rigid dressing system suitable for dressing conventional and/or advanced abrasive grinding wheels</li> <li>• Infinitely variable-speed spindle drives</li> <li>• Hydrostatic ways, VEE and flat on Z axis/ Bar way and flat way on X axis, contribute to the machine's rapid, yet highly damped slide motions, as well as to its exceptional stiffness and repeatability</li> <li>• SN115: .500" to 4.5" OD Parts (115 MM) – Auto Load</li> <li>• SN200 3" to 8" OD Parts (200 MM) with larger versions going to 12" – Auto Load</li> </ul> | <ul style="list-style-type: none"> <li>• Totally enclosed work area for safety and housekeeping</li> <li>• Set-up and change-over in minutes</li> <li>• Offers the latest technology and performance of a new machine at a fraction of the cost</li> <li>• Uses same footprint and utility hook-up as Heald CF Model</li> <li>• Multiple part program storage</li> <li>• Multi-Sequence within the Axis envelope (Z-Axis = 8"; X-Axis = 1.5")</li> <li>• Accepts any dressing system (stationary, hydraulic, servo-driven)</li> </ul> |
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## Options Include:

- Various workholding options, including Shoe-Centerless tooling, face-clamping, Tri-roll and chucking arrangements.
- A variety of automatic loading systems; SNI Quick-Change Loading Chutes.
- Belt-driven or High-frequency wheelheads available. Air/oil lubrication system ensures long, trouble-free life.
- Variable-speed wheelhead drive arrangements including AC-drive and Inverter Duty Type motor. Eliminates time-consuming pulley changes, as well as providing constant surface footage.
- Feedback for both infeed-slide (X-axis) and table (Z axis), providing 0.000004" resolution. No scales required.
- Through-the-workhead in-process gaging.
- Full enclosure guarding package.
- Wheel quills, workholding equipment, and other tooling available to apply your workpiece to the SN-115.



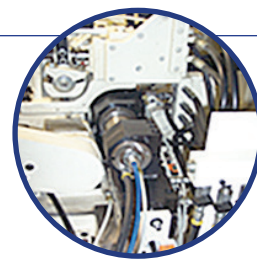
EDAC Heavy-Duty  
Lift-Up Dresser



Servo-Driven  
Roll-Form Dress



Tri-Roll  
Work Fixture



Through-the-Workhead  
In-Process Gaging

## Expertise. Quality. Precision.

EDAC Machinery defines the benchmark for advanced grinding and process engineering. We provide more than 100 years of unmatched precision grinding experience. We are uniquely qualified to provide the best service, solutions, and support for the demanding high tolerances in today's market.