Like the GISS 2500 system, GISS 5000 pre-setting, shrink fitting and measuring with one facility. In addition, GISS 5000 also offers the possibility of a fully automatic, highly accurate cutting edge form recognition and length pre-setting facility.

Further advantages are:

· Automatic shrink fitting process in order to achieve the highest, personnel independent accuracy
· Wide measuring range up to 800 mm (depending on options fitted)
· Large measuring diameter up to 600 mm (depending on options fitted)
· Highly accurate pre-setting and measuring

Naturally, the GISS 5000 shrink fit system can be specifically adapted to individual customer requirements. Contact us for more information.

TAC Rockford
Innovative products for machine tools

TRANSATLANTIC CONNECTION, INC.
Engineering expertise and experience for the machine tool industry

Tel 815 962-5600 | Fax 815 962-4600
www.tac.us | info@tac.us
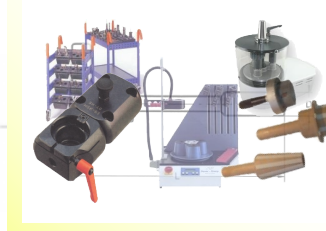304 North Main Street | Suite 104 | Rockford, IL 61101 USA

Equipment:

· "Saturn 1" or "Saturn 2" (optional) image processing with cutting edge inspection and fully automatic cutting edge form recognition
· 13 kW induction shrink fit system
· Automatic zero point monitoring
· Tool holder available for various systems
· Automatic length stop system
· Water cooling system
· 15" TFT color display with touchscreen
· Cabinet, label printer (optional)
· High accuracy spindle with auto-focus and power clamping
· Automatic "Z" length stop system
· 3-axis-CNC-control with auto-focus (optional with "Saturn 2" image processing)
· Flue gas extraction (optional)

Technical Data:

· Measuring range, longitudinal: 600 to 800 mm*
· Measuring diameter: 320 to 600 mm*
· Repeatability: +/- 0.002 mm
· Pre-setting accuracy: < 2 micro-m
· Length accuracy (shrink fitting): +/- 0.015 mm
· Display accuracy: 0.001 mm
· Positional accuracy: 0.002 mm
· Concentricity: 0.002 mm
(*depending on options fitted)

TAC Rockford Product Line

Machine Tool Gauges, Tool Changer Alignment, Runout Test Arbors, Workholding Systems, Tool Holders, Adapters and Extensions, Tool Holder Blanks, Machine Tool Accessories, Coolant Tubes and Gauges, Heat Shrink Systems, Rapid Prototyping

Tool Holders **Gauges** **Accessories** **Rapid Prototyping**

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