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.
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