

**ROYAL** *Variset*

Tool Management Systems

Royal's  
Renown Quality  
and ease of use  
now with  
Shrink Technology

*Variset* - Shrink  
**3VP 620/200-AHPS**

Featuring:  
**Bilz Coil  
Technology**



See back for gauge specifications

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Tool Management Systems

Royal Design & Manufacturing Inc.

32401 Stephenson Highway

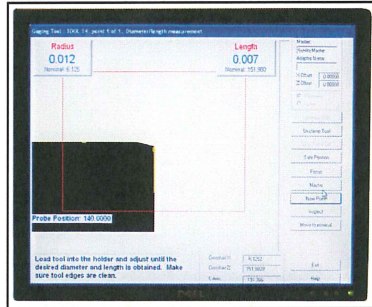
Madison Heights, Michigan 48071

PH: (248) 588-0110 FX: (248) 588-5930

[www.variset.com](http://www.variset.com)

Your Local Sales Representative:

Technical Data	Model: Shrink
Tool Length Max.	25-620mm
Tool Diameter Max.	400mm
Shrink Length	400mm65-815mm
Operation	Automatic - Full CNC
Measurement Resolution	.0001"/0.001mm
Height x Width x Depth	83"H X 60"W X 35"D



19" LCD display & user friendly interface

## Standard Features:

- 19" LCD flat screen display
- PC-controlled with MS-WINXP Professional
- Automatic complex edge analysis
- High precision preloaded spindle with pneumatic clamping
- Heavy duty construction
  - Suitable for factory environment
  - Cast iron base for structural integrity
  - Precision pre-loaded vee-roller slides
  - Backlash free linear drive nuts
- Linear encoders for precision positioning
- Intuitive interface for control of rotary axis
- Automatic axial probe with collision detect auto-stop
- Joystick control for manual X and Z axis positioning
- Gage travels are laser inspected and certified
- Final inspection includes a system R & R to AIAG guidelines
- Refrigerated cooling station with (5) cooling caps and 1220mm hose extensions



X & Z axis controller



Rotary axis controller

## Options:

- 50-1020mm range column
- Presetting cups
- Tooling adapters - Standards and specials
- Interchangeable spindle adapters:
  - ISO tapered shanks, HSK, ABS, and others
- Printers for labels or reports
- Gage benches
- Tool disassembly fixtures
- Royal Variset software for tool management.
- Communication with various networks, machine controls, etc.
- Operator safe full automatic tool handler with water cool down unit



Disassembly Fixture



HSK 100 Presetting Adapter

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