



**CUSTOM GRIND**

# **TF-9CHD**

## **Computer Controlled**

### **Auto Infeed & Thrufeed Centreless Grinding**

### **System**



- Precision 8-5/8" wide spindles on both regulating and work wheels.
- 8-5/8" wide wheel produces a superior surface finish, accurate size control and prolongs wheel life.
- Low maintenance pressure and temperature flow compensated control for consistent regulating wheel speed
- Serial interface ports for diameter gauges. Tie in laser gauging for automatic size compensation, inline or offline.
- Simple to modify machine settings through touch screen.
- Interface to a variety of feeding systems
- Slide positioning to 0.000050" glass scale closed loop position feedback.
- Independant upper and lower slides for flexible easy setup.
- Produce multi-formed parts up to 8-1/4" long or multiple parts per cycle.

The TF-9CHD is ideal for manufacturing a wide range of forms such as mandrills, guide wires, catheter bodies, biopsy needles or any spherical or cylindrical part which needs to be formed to a high degree of precision.



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Unit 1C Forge Way  
Brown Lees Road Industrial Estate  
Knypersley  
Stoke-on-Trent  
Staffordshire  
ST8 7DN  
England

Tel: +44 (0) 1782 518503

Fax: +44 (0) 1782 522110

[sales@customgrind.com](mailto:sales@customgrind.com)

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



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## **Technical Data**

### **Grinding Wheel:**

Diameter: 9" (229mm)

Width: 8-5/8" (220mm)

Spindle speed: 2400rpm 6000SFM

Spindle motor: 7.5 standard, 10 and 15 HP

### **Regulating wheel:**

Diameter: 4" (102mm)

Width: 8-1/4" (201mm)

### **Hydraulic system:**

Pump motor: 2HP (1.5kW)

Oil pressure: 350 psi (22bar)

Hydraulic Tank: 15 gallons (US) (57Litre)

Variable speed displacement pump

### **Stock size:**

0.0024" (0.051mm) - 4" (102mm) diameter

### **Dimensions:**

47" (L) x 39" (W) x 50" (H)

### **Weight:**

1800lbs (820kg)



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