

CYLINDRICAL GRINDERS

A RANGE OF HIGH PRECISION MACHINES, ROBUSTLY CONSTRUCTED FOR THE MOST DEMANDING APPLICATIONS, FROM ONE OFFS TO PRECISION SMALL BATCH WORK OR FULL PRODUCTION APPLICATIONS.

- Quick and easy changeovers
- Modular designed, one piece 'Tee Bed' construction
- High accuracy and geometry
- Hand scrapped slideways
- No expensive or complex dressing devices required
- Easy download/upload to PC, PDA & Network

Suprema Easy
Cylindrical Grinders with Touchscreen Control



Ultramat Easy or CNC
Production Cylindrical Grinders with Touchscreen or CNC Control



UltraGrind CNC
High Accuracy, High Production Cylindrical Grinders with CNC Control



Features		Easy	CNC	
Operator selectable Metric / Imperial control increments	•	•	•	•
Fanuc® Touchscreen control	•	•		•
J & S 'Easy' Grinding & Dressing Software Suite	•	•		
Simple Manual Operation	•	•		
Software includes linked cycles, auto in-cycle dressing and full dress compensation	•	•		
Program input using drawing dimensions or by digitising (teach facility)	•	•		
Fanuc® traditional CNC control			•	•
Fanuc® digital AC servo motors		•	•	•
Heidenhain 'Absolute' nano scales		•	•	•
Standard or ISO shape wheel dress cycles	•	•	•	•
Tenth Micron programming	•	•	•	•
Fully supported table slideways		•	•	•
Capacities				
650mm between centres	•	•	•	
1000mm between centres	•	•	•	•
1500mm between centres	•			
2000mm between centres				•
Standard grinding capacity - 300mm	•	•	•	
Optional grinding capacity - 500mm				•
Grinding capacity with Angle Head configuration (EA) wheelhead – 360mm		•	•	
Wheelheads				
Dedicated External wheelhead	•	•	•	
Dedicated Angle Head (EA) wheelhead		•	•	
Universal (left & right external + internal spindle) wheelhead with airlift	•	•	•	
Twin external wheel, wheelhead		•	•	•
'B' axis wheelhead, programmable to 0.001°	•	•	•	•
Multiple modular wheelhead options				•
Optional Equipment				
Gauging, Gap Elimination, Wheel Balancing	•	•	•	•
Autoloading			•	•
Thread grinding	•	•	•	•
'C' axis for full out of round grinding			•	•
CNC controlled swivelling Diamond Dresser for Form Dressing of Complex profiles			•	•
Workholding to suit application	•	•	•	•
Other equipment on request	•	•	•	•

Please contact us if you require:

- Further details of our Products or Services
- Special machine or Application Solutions
- Turnkey Packages
- Customer Support, Spares and Service options
- Help and advice on Precision Grinding

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