

## 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 Easy or CNC Control



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



Features	Easy	Easy	CNC	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 (Option)	(•)	•	•	•
Standard or ISO shape wheel dress cycles	•	•	•	•
Tenth Micron programming	•	•	•	•
Fully supported table slideways		•	•	•
<b>Capacities</b>				
650mm between centres	•	•	•	
1000mm between centres	•	•	•	•
1500mm between centres	•			
2000mm between centres				•
Standard grinding capacity - 300mm (360mm Option)	•	(•)	(•)	
Standard grinding capacity - 360mm (400 or 500mm Option)				(•)
Grinding capacity with Angle Head (EA) wheelhead – 360mm		•	•	
<b>Wheelheads</b>				
Dedicated External wheelhead	•	•	•	
Dedicated Angle Head (EA) wheelhead		•	•	
Universal (left & right external + internal spindle) wheelhead with airlift	•	•	•	
'B' axis wheelhead, programmable to 0.001°		•	•	•
Multiple modular wheelhead options				•
<b>Optional Equipment</b>				
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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