



JONES & SHIPMAN
A KELLEBERGER COMPANY

Cylindrical Grinders



Suprema 650 Easy

320mm swing x 650mm Between Centres
Universal Cylindrical Grinding machine

With GE-Fanuc® digital AC servo motors and precision ball screws for machine table and wheelhead infeed movements. Controlled by GE-Fanuc® touchscreen and J&S 'Easy' grinding & dressing software suite.

Equipment included:

- Standard grinding wheel
- Wheel flange
- Wheel balancing mandrel
- Internal spindle with three quills



Suprema 1000 Easy

320mm swing x 1000mm Between Centres
Universal Cylindrical Grinding machine

With GE-Fanuc® digital AC servo motors and precision ball screws for machine table & wheelhead infeed movements. Controlled by GE-Fanuc® touchscreen and J&S 'Easy' grinding & dressing software suite.

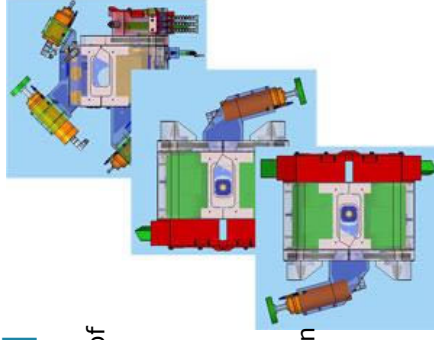
Equipment included:

- Standard grinding wheel
- Wheel flange
- Wheel balancing mandrel
- Internal spindle with three quills



Ultra Grind

The totally new modular wheelhead design ensures that operators have a wide choice of external & internal grinding spindle combinations, effectively allowing them to specify a custom machine, but without the associated cost and build time. Angular wheelhead positional accuracy and repeatability are assured via a high precision 1° Hirth coupling. An optional true 'B' axis, programmable to 0.0001° and utilising feedback from a high accuracy encoder mounted directly to the rotational spindle axis, enables infinitely variable positional resolution to be achieved. The machine is currently offered with 1M or 2M between centres & heights of 180mm, 200mm & 250mm



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