

GRINDING



Universal Cylindrical Grinders

Surface and Profile Grinders

The right machine
for every application

SUPREMA



ULTRAMAT



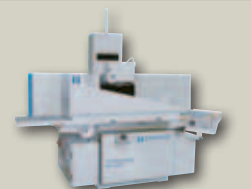
ULTRAGRIND



524/624 EASY



TECHMASTER EASY



DOMINATOR



Universal Cylindrical Grinders

SUPREMA



- Up to 300mm grinding diameter
- 650, 1000 or 1500mm between centres
- Self-explanatory Easy software & Touchscreen control
- Manual, Semi or Fully automatic control of grinding and dressing cycles with compensation
- Simple and fast set-up for auto cycles
- 1 to 20 linked grinding cycles
- Choice of Universal or External wheelheads
- Guideways have hand scraped Turcite® coating with central lubrication and rotary encoders on X and Z axes. (Optional linear scales)

ULTRAMAT



- Up to 300mm grinding diameter
- 650 or 1000mm between centres
- External, Universal, Angle Head, Twin wheel and infinitely variable B axis wheelhead options
- Choice of Fanuc® 210i CNC or Easy software and Touchscreen control
- Wide range of grinding cycles including thread grinding for both control systems
- Guideways have hand scraped Turcite® coating and automatic central lubrication
- Heidenhain® Absolute linear nano scales to X & Z axes
- Gauging, Auto-loading, CNC form dressing options

ULTRAGRIND



- Up to 500mm grinding diameter
- 1000 or 2000mm between centres
- Hirth coupling B axis with 1° resolution or infinitely variable B axis options
- New modular wheelhead allows multiple external/internal wheelspindle configuration options
- Fanuc® 320i Touchscreen control
- Operator-friendly, graphics-supported programming for fast and simple operation
- High grade cast iron bed with hand scraped Turcite® coated guideways
- Heidenhain® Absolute linear nano scales to X & Z axes

Surface and Profile Grinders

524/624 EASY



- Table size 500 x 200mm or 600 x 200mm
- Self-explanatory Easy software & Touchscreen control
- Manual, Semi or Fully automatic control of grinding and dressing cycles
- Simple and fast set-up for auto cycles
- Cycles for plunge, area, face, multi-plunge, multi-slot, multi-plunge & area grinding
- Straight, facing, slotting or vee form wheel macros
- Precision crossfeed and downfeed ballscrews with Fanuc® drives, plus Heidenhain® Absolute linear nano scales
- Guideways hand scraped with Turcite® coating

TECHMASTER EASY



- Table size 600 x 300mm or 800 x 400mm
- Generously dimensioned high grade cast iron bed, column, saddle and table
- Self-explanatory Easy software & Touchscreen control
- Manual, Semi or Fully automatic control of grinding and dressing cycles
- Simple to operate
- Simple and fast set-up for auto cycles
- Precision crossfeed and downfeed ballscrews with Fanuc® drives, plus guideways with hand scraped Turcite® coating

DOMINATOR



- Creepfeed and conventional surface & profile grinding on one machine
- Table size 600 x 200mm, 600 x 300mm or 600 x 400mm
- Compact, innovative and extremely rigid machine bed
- Operator-friendly, menu-driven grinding and dressing cycles
- Graphics-supported Fanuc® CNC control, Windows® based, prepared for remote maintenance
- Grind cycles include: plunge, surface, area, creepfeed, concave convex creepfeed & multi plunge creepfeed
- Optional indexing, articulating dressing, continuous dress axes or automation

World-wide Sales and Service



Through our Group Companies and an established network of distribution Jones & Shipman guarantee competent advice and support in evaluating, purchasing and using high-quality cylindrical surface and creepfeed grinding systems.

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