###### RK INTERNATIONAL MACHINE TOOLS LTD

**Europa Trading Estate, Fraser Road, Erith, Kent DA8 1PW. England**

**Tel. No. 01322 447611 Facsimile No. 01322 447618**

**Used Nakamura WT150MMY CNC Turning Centre**

**Serial No. M150805**

**Year of Manufacture: 2003**

|  |  |
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| **SPECIFICATION** |  |
| **Capacity** |  |
| Max. turning diameter | 190mm |
| Standard turning diameter | 170mm |
| Distance between centres | Max. 750mm/min.200mm |
| Max. turning length | 503mm |
| Bar capacity | 51mm |
| Chuck size | 165mm |
| **Axis Travel** |  |
| Slide travel (X1/X2) | 157.5mm/1675.5mm |
| Slide travel (Z1/Z2) | 465mm |
| Slide travel (Y)  | ±35mm |
| Slide travel (B)  | 550mm |
| Rapid feed X1/X2 | 16m/min |
| Rapid feed Z1/Z2 | 40m/min |
| Rapid feed B axis | 40m/min |
| Rapid feed Y axis | 6m/min |
| **Left and Right Spindles** |  |
| Spindle speed | 5000min-1 |
| Spindle speed range | Stepless |
| Spindle nose | A2-5 |
| Hole through spindle | 63mm |
| ID of front bearing | 90mm |
| Hole through draw tube | 52mm |
| **C-Axis** |  |
| Least input increment | 0.001° |
| Least command increment | 0.001° |
| Rapid index speed | 6000min-1 |
| Cutting feed rate | 1-4800°/min |
| C-axis clamp | Disk clamp |
| C-axis engage time | 1.5 sec |
| **Upper and Lower Turrets** |  |
| Type of turret head | Dodecagonal drum turret x 2 |
| Number of tool stations | 12 station x 2 |
| Number of indexing positions | 24 x 2 |
| Tool size (square shank) | □25mm |
| Tool size (round shank) | ø32mm |
| **Driven Tools** |  |
| Rotary system | Individual rotation |
| Spindle speed | 6000min-1 |
| Spindle speed range | Stepless |
| Number of driven tool stations | 12 x 2 |
| Tool shank | Straight holder ø1mm – ø16mm |
|  | Cross holder ø1mm – ø16mm |
| **Drive Motor Power and Torque** |  |
| Left spindle | 15/11kW 113.4/83.1N.m |
| Right spindle | 11/7.5kW 83.1/56.7N.m |
| Driven tool spindles | 5.5/3.7kW 24/16N.m x 2 |

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| **General** |  |
| Machine height | 1860mm |
| Floor space | 3615 x 1985mm |
| Machine weight | 8,900kg |
| **Power Source** |  |
| Power supply | 67.2KVA |
| Air supply | 200NL/min, 0.5-0.7MPa |
|  |  |
| **CONTROL SPECIFICATION** |  |
| Control type | Fanuc 18i-TB 2-path |
| **Controlled Axes** |  |
| Controlled axes |  |
| Simultaneously controlled axes | 3 axes (Upper turret X, Z, C) + 4 axes (Lower turret X, Z, C, B) |
| **Input Command** |  |
| Least input increment | 0.001mm/0.0001inch (diameter for X-axis) 0.001degree |
| Least command increment | X:0.00005mm, Z: 0.001mm, B: 0.001mm, C: 0.001 degree |
| Max. programable dimension | ±999999.999mm/±39370.0787in, ±999999.999° |
| Absolute/incremental programming | X, Z, C, B (absolute only for B) /U, W, H |
| Decimal input | Standard |
| Program code | EIA/ISO automatic recognition |
| Inch/metric conversion | G20/G21 |
| Programable data input | G10 |
| **Feed Function** |  |
| Cutting feed - Feed/min | X: 1-4800mm/min |
|  | Z: 1-4800mm/min |
|  | C: 1-4800degree/min  |
|  | B: 1-4800mm/min |
| Feed/rev | 0.0001-500.0000mm/rev |

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| **MACHINE EQUIPPED WITH** |
| Fanuc 18iT CNC Control |
| Rigid tapping |
| Spindle synchronization |
| Spindle orientation |
| Hainbuch collet chuck on left spindle |
| 160mm 3 jaw chuck on right spindle |
| Bolt on tool setting eye |
| Y-axis upper turret |
| Driven and static tooling |
| Parts catcher right hand spindle |
| Parts conveyor |
| Swarf conveyor |
| FMB turbo 10-65 3 meter bar feed |
| Coolant system |
| Enclosed guarding |

**Price: £89,500.00**

NB: Machine Ex Works Burgess Hill, West Sussex.