

## MORI SEIKI NV5000 alpha 1B/40

**Kind : Vertical machining center**  
**Manufacturer : MORI SEIKI**  
**Model : NV5000 alpha 1B/40**  
**Year : 2005**  
**Serial : NV501EC2715**  
**Stock : 9066**



### TECHNICAL DETAILS

|                                             |                         |
|---------------------------------------------|-------------------------|
| - Number of axes                            | : 5                     |
| MILLING SPINDLE                             |                         |
| - Tool holder type                          | : CA40 (Big+)           |
| - Spindle power                             | : 22 [kW]               |
| - Spindle speeds                            | : 14000 [rpm]           |
| LINEAR AXES                                 |                         |
| - Travels on X/Y/Z axes                     | : 1020 x 510 x 510 [mm] |
| - Rapid traverses rates (X/Y/Z)             | : 42/42/42 [I]          |
| TOOL CHANGER                                |                         |
| - Tool magazine capacity                    | : 60                    |
| TABLE                                       |                         |
| - Table dimensions                          | : 1320 x 660 [mm]       |
| - Distance table / spindle nose (min./max.) | : 150-660 [mm]          |
| - Maximum weight upon table                 | : 1200 [kg]             |
| WEIGHT & DIMENSIONS                         |                         |
| - Machine floor space                       | : 2788 x 3040 [mm]      |
| - Machine height                            | : 2603 [mm]             |
| - Machine weight                            | : 8600 [kg]             |
| MACHINE HOURS                               |                         |
| - Number of hours under power               | : 14466 [h]             |
| - Number of working hours                   | : 2962 [h]              |

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**EQUIPMENT**

|                             |                     |
|-----------------------------|---------------------|
| - CNC                       | : FANUC 18iMB5      |
| - Interactive programming   | : MAPPS             |
| - 3 colors status lamp      |                     |
| - Type of divisor           | : 4e-5e axe intégré |
| * manufacturer              | : NIKKEN            |
| * model                     | : 5AX-130-FA        |
| - Coolant tank              |                     |
| * with high-pressure pump   | : 15 [bars]         |
| * with paper filtering unit |                     |
| - Coolant through spindle   |                     |
| - Chips conveyor            |                     |
| - Spindle cooling unit      |                     |
| - Tool probe                | : OMRON             |
| - Workpiece probe           | : RENISHAW          |
| - Electric transformer      |                     |
| - Electronic handwheel      |                     |