

## FEHLMANN Picomax 90-M

**Kind : Vertical machining center**  
**Manufacturer : FEHLMANN**  
**Model : Picomax 90-M**  
**Year : 2007**  
**Serial : 15508101**  
**Stock : 10467**



### TECHNICAL DETAILS

|                           |                        |
|---------------------------|------------------------|
| - Number of axes          | : 5                    |
| MILLING SPINDLE           |                        |
| - Tool holder type        | : ISO30                |
| - Spindle speeds          | : 18000 [rpm]          |
| LINEAR AXES               |                        |
| - Travels on X/Y/Z axes   | : 705 / 425 / 610 [mm] |
| A ROTARY AXIS             |                        |
| - Travel                  | : 360 [°] (+/-)        |
| - Indexing precision      | : 0.001 [°]            |
| B ROTARY AXIS             |                        |
| - Travel                  | : +180/-5 [°] (+/-)    |
| - Indexing precision      | : 0.001 [°]            |
| TOOL CHANGER              |                        |
| - Auto. Tool Changer type | : Bras chargeur        |
| - Tool magazine capacity  | : 32                   |
| TABLE                     |                        |
| - Table dimensions        | : 1260 x 490 [mm]      |
| POWER SUPPLY              |                        |
| - Supply voltage          | : 400 [V]              |
| - Total installed power   | : 22 [kVA]             |
| WEIGHT & DIMENSIONS       |                        |
| - Machine floor space     | : 2600 x 2300 [mm]     |
| - Machine height          | : 3000 [mm]            |
| - Machine weight          | : 5100 [kg]            |

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**EQUIPMENT**

|                           |                     |
|---------------------------|---------------------|
| - CNC                     | : iTNC 530          |
| - Electronic handwheel    |                     |
| - Type of divisor         | : 4e-5e axe intégré |
| * manufacturer            | : Fehlmann          |
| * model                   | : ATS 160 CNC       |
| * clamping diameter       | : 300 [mm]          |
| * center height           | : 160 [mm]          |
| * tightening type         | : Pneumatique       |
| - Coolant tank            |                     |
| * with high-pressure pump |                     |
| - Oil mist extractor      |                     |
| - Spindle cooling unit    |                     |
| - Workpiece probe         | : Renishaw OMP 40-2 |
| - Electric transformer    |                     |