



QUALITY

Security and reliability of products Fagima

SPECIAL PRODUCTS

Design and manufacture of custom machinery

USED

Range of used machinery, carefully reviewed

PARTNERSHIP

Collaborations Colgar/Fagima

HOME

COMPANY

PRODUCTS

DISTRIBUTORS

IN EVIDENCE

VIDEO

CONTACTS

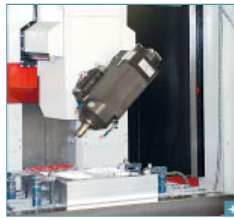
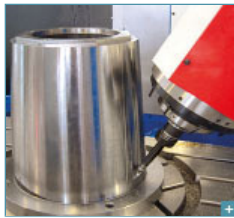
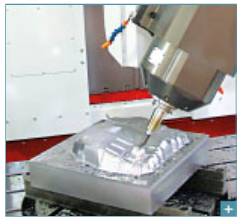
SPIN FAST

Moving column 5 ax vertical machining center



The increasing requirement for higher milling speed, accuracy and quality of the machining operations have pushed Fagima to step-up with the development and production of the **Spin Fast with 4 and 5 axes milling capability**.

Spin Fast offers highly productive solutions in applications such as mold & die manufacturing, aerospace and in general for complex work pieces..



The solid machine structure provides rigidity and geometrical stability reflecting in the respect of the part program within tight tolerances.

The rich std configuration of this machine allow for efficient response to every manufacturing application.

Automatic head

The head is provided with a 26 kW electrospindle. Head rotation is by torque motor.

The tilt head can be utilized both in continuous mode as well as in the index mode engaging the powerful hydraulic clamping.

Operator panel

It allows for the complete control of all machine functions. The swing arm and the remote control panel give the operator the freedom to follow the work phases from the most convenient position. Different types of CNC can be utilized:

- HEIDENHAIN
- FANUC
- SIEMENS
- Z 32 (D. ELETTRON)
- ECS
- SELCA.

Ergonometry

The SPIN FAST offers max accessibility to the work zone and easy chip/coolant evacuation.



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SPIN FAST - Caratteristiche tecniche - Technical features

| | | Mod. 1800 | Mod. 2200 | Mod. 3200 | Mod. 4000 |
|---|--------|----------------------------------|-----------|-----------|-----------|
| Strokes | | | | | |
| Column longitudinal (X) | mm | 1.800 | 2.200 | 3.200 | 4.000* |
| Head cross (Y) | mm. | 700 - option 800 | | | |
| Head vertical (Z) | mm. | 600 - 700 | | | |
| Head Titling (torque motor) | | +/- 105 | | | |
| Work table | | | | | |
| Size | mm. | 1.900x800 | 2.300x800 | 3.400x800 | 4.200x800 |
| Max load on table | kG/sqm | 12.000 | | | |
| Rotary table (optional) | | | | | |
| Diameter | mm. | 550 - 600 - 800 | | | |
| Max load on table | kG | 800-1.500 | | | |
| Rotation speed | Rpm | 100 | | | |
| Max work piece diameter (swing) | mm. | 1.200 - 2.000 | | | |
| Automatic head ± 105° with torque motors | | | | | |
| Spindle taper ISO 40 | | DIN 69871 | | | |
| Spindle taper BT 40 | | DIN 69871 | | | |
| Spindle taper HSK A63 | | DIN 69893-1 | | | |
| Max spindle speed (x100) | Rpm | 0 - 16.000 (opz. max 40.000 Rpm) | | | |
| Power (S1) | kW | 20 | | | |
| Max torque | Nm | 100 | | | |
| Spindle | | | | | |
| Power (S1) | kW | 20 | | | |
| Speed | Rpm | 16.000 - 34.000 | | | |
| Tool holder | | ISO 40 - BT 40 HSK A63 | | | |
| Auto tool changer | | | | | |
| Position (optional) | | 40 (60) | | | |
| Feed | | | | | |
| X-Y-Z | m/min. | 30 | | | |
| X-Option linear motor | m/min. | 100 | | | |

*Can be extended up to 8000 mm

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