



HIGH PRECISION VERTICAL MILLING CENTRE SIP 5000/7

Machining centres

Brand :	SIP
Model :	SIP 5000/7
Year :	2008
Serial number :	4570020

TECHNICAL DETAILS & EQUIPMENT

- Number of axes: 4

MILLING SPINDLE

- Tool type: ISO50
- Spindle power: 17 [kW]
- Spindle speed: 10-4000 [tr/min]
- Spindle hours: 29050 [h]

LINE AXES

- X/Y/Z axis travel: 1600/1100/1000 [mm]
- Fast forward speeds (X/Y/Z): 12 [m/min]
- Working feed rates (X/Y/Z): 0.0001-8 [mm/min]

TOOL CHANGER

- Type of tool changer: Loader arm
- Tool magazine capacity: 120

TABLE

- Table dimensions : 1700 X 1200 [mm]
- Weight capacity on table: 4000 [kg]
- Distance table / spindle nose (min/max): 85-1085 [mm]

PALLET CHANGER

- Pallet size : 1200 X 1200 [mm]

- Number of pallets : 2

POWER SUPPLY

- Supply voltage: 400 [V]

- Installed capacity: 55 [kW]

DIMENSIONS

- Floor dimensions : 51100 X 7250 [mm]

- Machine height: 3610 [mm]

- Machine weight : 15000 [kg]

MACHINE HOURS

- Hours on: 94683 [h]

- Working hours: 29050 [h]

Equipment

- CNC : Siemens 840 D

- Interface: Ethernet / RS232 / USB / PCMCIA

- Conversational: Shopmill

- Remote electronic handwheel

- Direct measurement rules

- Rigid tapping

- 3-color status lamp

- Divider type: Integrated 4th axis CNC
- * 4th axis travel: 360 [°]
- * 4th axis indexing accuracy: 0.0001 [°]
- * with high pressure pump: 50 [bars]
- * with paper filtration
- * with cutting fluid cooling unit
- Spindle center watering
- Chip conveyer
- Oil mist vacuum cleaner
- Spindle cooling
- Tool probe: Renishaw NC4 laser
- Workpiece sensor: Renishaw