

## SIP SIP 5000/7

**Kind :** Vertical machining center  
**Brand :** SIP  
**Model :** SIP 5000/7  
**Year :** 2008  
**Serial Nr:** 4570020  
**Stock Nr :** P2179



### TECHNICAL DETAILS

- Number of axes	: 4
<b>MILLING SPINDLE</b>	
- Tool holder type	: ISO50
- Spindle power	: 17 [kW]
- Spindle speeds	: 10-4000 [rpm]
- Number of spindle hours	: 29050 [h]
<b>LINEAR AXES</b>	
- Travels on X/Y/Z axes	: 1600/1100/1000 [mm]
- Rapid traverses rates (X/Y/Z)	: 12 [m/min]
- Cutting feed rates (X/Y/Z)	: 0.0001-8 [mm/min]
<b>TOOL CHANGER</b>	
- Auto. Tool Changer type	: Loading arm
- Tool magazine capacity	: 120
<b>TABLE</b>	
- Table dimensions	: 1700 X 1200 [mm]
- Maximum weight upon table	: 4000 [kg]
- Distance table / spindle nose (min./max.)	: 85-1085 [mm]
<b>PALLET CHANGER</b>	
- Pallet size	: 1200 X 1200 [mm]
- Pallets number	: 2
<b>POWER SUPPLY</b>	
- Supply voltage	: 400 [V]
- Total installed power	: 55 [kW]
<b>WEIGHT &amp; DIMENSIONS</b>	

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- Machine floor space : 51100 X 7250 [mm]  
- Machine height : 3610 [mm]  
- Machine weight : 15000 [kg]  
MACHINE HOURS  
- Number of hours under power : 94683 [h]  
- Number of working hours : 29050 [h]

#### **EQUIPMENT**

- CNC : Siemens 840 D  
- Interface : Ethernet / RS232 / USB / PCMCIA  
- Interactive programming : Shopmill  
- Electronic handwheel  
- Linear scales  
- Rigid tapping  
- 3 colors status lamp  
- Type of divisor : full 4th axis  
\* Travel 4th axis : 360 [°]  
\* Indexing precision 4th axis : 0.0001 [°]  
\* with high-pressure pump : 50 [bars]  
\* With paper filtering unit  
\* With cooling unit for coolant  
- Coolant through spindle  
- Chips conveyor  
- Oil mist extractor  
- Spindle cooling unit  
- Tool probe : Renishaw laser NC4  
- Workpiece probe : Renishaw