

## HELLER FT 8000

**Kind : Vertical machining center**  
**Manufacturer : HELLER**  
**Model : FT 8000**  
**Year : 2015**  
**Serial : 54439**  
**Stock : P2384**



### TECHNICAL DETAILS

- Number of axes	: 5
<b>MILLING SPINDLE</b>	
- Tool holder type	: SK50
- Spindle power	: 60 [kW]
- Spindle speeds	: 50-8000 [rpm]
- Gearbox	
- Speed ranges	: 2
<b>LINEAR AXES</b>	
- Travels on X/Y/Z axes	: 1250 / 1200 / 1400 [mm]
- Rapid traverses rates (X/Y/Z)	: 50 [m/min]
<b>A ROTARY AXIS</b>	
- Travel	: +15 / -190 [°]
- Indexing precision	: 0.001 [°]
<b>B ROTARY AXIS</b>	
- Travel	: (+/-) 360 [°]
- Indexing precision	: 0.001 [°]
- Cutting feed rate	: 10 [rpm]
<b>TOOL CHANGER</b>	
- Auto. Tool Changer type	: Bras chargeur
- Tool magazine capacity	: 50
- Tool exchange time	: 6.3 [sec]
<b>TABLE</b>	
- Table dimensions	: 1100 [mm]
- Maximum weight upon table	: 2000 [kg]
- Maximum part dimensions (diameter x height)	: 1810 x 1400 [mm]

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**POWER SUPPLY**

- Supply voltage : 400 [V]
- Total installed power : 50 [kW]

**WEIGHT & DIMENSIONS**

- Machine floor space : 7400 X 5400 [mm]
- Machine height : 4800 [mm]

**MACHINE HOURS**

- Number of hours under power : 14238 [h]

**EQUIPMENT**

- CNC : Siemens 840 D SL
- Interface : Ethernet / RS232 / USB / PCMCIA
- Interactive programming : Shopmill
- Electronic handwheel
- Linear scales
- Rigid tapping
- 3 colors status lamp
- Coolant tank : 2450 [l]
- \* with high-pressure pump : 50 [bars]
- \* with cooling unit for coolant
- \* with magnetic filter
- \* With washing gun
- Coolant through spindle
- Micro-lubrication coolant
- Chips conveyor
- Oil mist extractor
- Spindle cooling unit
- Tool probe : Renishaw
- Workpiece probe : Renishaw
- Tool breakage detection
- Electric transformer
- Tool-holders