

## C.B. FERRARI ML 45

**Kind :** Vertical machining center  
**Brand :** C.B. FERRARI  
**Model :** ML 45  
**Year :** 2014  
**Serial Nr:** 2013041  
**Stock Nr :** T14648



### TECHNICAL DETAILS

- Number of axes	: 5
<b>MILLING SPINDLE</b>	
- Tool holder type	: HSK40
- Spindle power	: 32,5 [kW]
- Spindle speeds	: 40.000 [rpm]
- Number of spindle hours	: 1.211 [h]
<b>LINEAR AXES</b>	
- Travels on X/Y/Z axes	: 420 / 320 / 320 [mm]
- Cutting feed rates (X/Y/Z)	: 60.000 [mm/min]
<b>A ROTARY AXIS</b>	
- Travel	: 360 [°]
- Indexing precision	: 0,001 [°]
- Cutting feed rate	: 200 [rpm]
<b>B ROTARY AXIS</b>	
- Travel	: 100 [°] (+/-)
- Indexing precision	: 0,001 [°]
- Cutting feed rate	: 200 [rpm]
<b>TOOL CHANGER</b>	
- Auto. Tool Changer type	: Loading arm
- Tool magazine capacity	: 60
- Tool exchange time	: 5 [sec]
<b>TABLE</b>	
- Table dimensions	: Ø 250 [mm]
- Maximum weight upon table	: 20 [kg]

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- Distance table / spindle nose (min./max.) : 40 / 360 [mm]

**POWER SUPPLY**

- Supply voltage : 400 [V]

- Total installed power : 35 [kW]

**WEIGHT & DIMENSIONS**

- Machine floor space : 2.050 x 2.555 [mm]

- Machine height : 2.520 [mm]

- Machine weight : 5.000 [kg]

**MACHINE HOURS**

- Number of hours under power : 4873 [h]

**EQUIPMENT**

- CNC : Heidenhain iTNC530

- Electronic deported handwheel

- Direct measuring scales : Heidenhain

- 3 colors status lamp

- COOLANT TANK

\* With washing gun

- Chips conveyor

- Oil mist extractor : FILTERMIST FX5002

- Spindle cooling unit

- Electrical cabinet air conditioning

- Tool probe : Renishaw

- Workpiece probe : Renishaw

- Tool-holders : 60

- Tool preparation bench