

C.B. FERRARI ML 45

Kind : Vertical machining center

Manufacturer : C.B. FERRARI

Model : ML 45

Year : 2014

Serial : 2013041

Stock : T14648



TECHNICAL DETAILS

- Number of axes	: 5
MILLING SPINDLE	
- Tool holder type	: HSK40
- Spindle power	: 32,5 [kW]
- Spindle speeds	: 40.000 [rpm]
- Number of spindle hours	: 1.211 [h]
LINEAR AXES	
- Travels on X/Y/Z axes	: 420 / 320 / 320 [mm]
- Cutting feed rates (X/Y/Z)	: 60.000 [mm/min]
A ROTARY AXIS	
- Travel	: 360 [°]
- Indexing precision	: 0,001 [°]
- Cutting feed rate	: 200 [rpm]
B ROTARY AXIS	
- Travel	: 100 [°] (+/-)
- Indexing precision	: 0,001 [°]
- Cutting feed rate	: 200 [rpm]
TOOL CHANGER	
- Auto. Tool Changer type	: Bras chargeur
- Tool magazine capacity	: 60
- Tool exchange time	: 5 [sec]
TABLE	
- Table dimensions	: Ø 250 [mm]
- Maximum weight upon table	: 20 [kg]
- Distance table / spindle nose (min./max.)	: 40 / 360 [mm]

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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 handwheel
- Linear scales
- 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