

# Machining center C.B. FERRARI ML 45



<b>State</b>	<b>USED</b>
<b>Category</b>	Machining centre
<b>Brand</b>	C.B. FERRARI
<b>Model</b>	ML 45
<b>Serial number</b>	2013041
<b>Year of manufacture</b>	2014
<b>Inventory number</b>	2536

## CHARACTERISTICS

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 axis

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 : Loading arm

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

### 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

## COMPOSITION AND ACCESSORIES

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

**Machine hours**

Number of hours under power : 4873 h





