

SAM 021996**FERRARI C.B. Type ML 45**

Group	5-axis machining center
Manufacturer	FERRARI C.B.
Type	ML 45
Controller CNC	HEIDENHAIN iTNC 530
Year	2010
Youtube video	https://youtu.be/qsls3wqWuz4



Number of axis simultaneous	5
Longitudinal travel (X-axis)	320 mm
Transversal travel (y-axis)	320 mm
Vertical travel (z axis)	320 mm
Dimension of the workpice:	
Length	150 mm
Width	150 mm
Height	150 mm
Table load max.	20 kg
A axis	360 °
B axis swivelling range	+/-115 °
Tool changer:	
Number of tools	60
Spindle nose: ISO	V 30
Spindle speeds:	
stepless	
from	0 t/min
up to	40000 t/min
Feed range	60000 mm/min
Rapid traverse:	60 m/min
Voltage 50 Hz 3x	400 Volt
Spindle motor	11 kW
Total power required	35 kW
Machine's weight about	6000 kg
Overall dimensions machine:	
Length	2700 mm
Width	2400 mm
Height	2900 mm

Various accessories:

Set of toolholders
 Coolant system
 Chip conveyor
 Lamp
 Oil mist extractor
 Switch cabinet Air conditioner
 Status light

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