

SAM 020636**SIGMA Type EK 110 P**

Group	3-axis machining center
Manufacturer	SIGMA
Type	EK 110 P
Controller CNC	FANUC 16i-MA
Year	2001

Number of axis total	3
Table length	1400 mm
Table width	650 mm
Longitudinal travel (X-axis)	1250 mm
Transversal travel (y-axis)	700 mm
Vertical travel (z axis)	750 mm
Table load max.	1500 kg
Pallets chancing device:	
numbers	2
Length	1400 mm
Width	650 mm
Time of changing palets	45 s
Transport weight	1500 kg
Tool changer:	
Number of tools	40
Tool diameter	120 mm
Diameter with free adjacent pockets	200 mm
Tool lenght	400 mm
Max. tool-weight	20 kg
Time of tool changing	5 / 11 s
Spindle nose:	n° 50
Distance from vertical	
spindle to table	100/850 mm
Spindle speeds:	
stepless	
up to	4000 t/min
Vertical spindle speeds:	
stepless	
from	20 t/min
up to	4000 t/min
Torque max.	662 Nm
Rapid traverse:	15 m/min
Voltage 50 Hz 3x	400 Volt
Spindle motor	26 kW
Machine's weight about	16750 kg
Overall dimensions machine:	
Length	7135 mm
Width	5300 mm
Height	3266 / 2980 mm

Various accessories:



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Full splash cabin	
Coolant system	
High pression colant device	
Booster pump (coolant)	30 bar
Coolant through spindle (cts)	
Chip conveyor	
Electronic hand held remote control	
Lamp	
RS-232 Interface	
Central lubrication	