



Inventory number: 20636

3-axis machining center  
SIGMA EK 110 P  
FANUC 16i-MA  
2001



### Technical data

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 chanching device:	
numbers	2
Length	1400 mm
Width	650 mm
Time of changing palets	45 sec
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 sec
Spindle nose:	n° 50
Distance from vertical	
spindle to table	100/850 mm
Spindle speeds:	
stepless	
up to	4000 rpm

Vertical spindle speeds:

stepless

from 20 rpm  
up to 4000 rpm

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:

Full splash cabin

Coolant system

High pressure coolant device

Booster pump (coolant) 30 bar

Coolant through spindle (cts)

Chip conveyor

Electronic hand held remote control

Lamp

RS-232 Interface

Central lubrication











