

**sigea**  
robotique



# MEDIUM

MILLING MACHINE 3 AXIS

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## MILLING MACHINE 3 AXIS



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### Technical data:

Manufacturer : SIGEA  
Model : MEDIUM  
Working Envelope : 600X5000Y 100Z  
Z adjustable in height : yes  
Type of drive : 3 stepper  
Dimensions (WxDxH): 780 x 1270 x 1450 mm

### Accuracies :

Résolution: 0,0125 mm  
Repeatability: (+/-) 0,01 mm  
Stepper Power : 0,9 Nm  
Ball screw: 12 x 5 mm  
Tool length sensor: yes  
Vacuum Pipe Link : yes

### Detail:

Rapide speed: 100 mm/s  
Max cutting Feedrad: 100 mm/s  
Weight: 165 Kg  
Key: 5 mm

### Safety :

Fully enclosed  
Transparent cover: Polycarbonate  
Interlock door: yes  
Emergency stop : yes

### Spindle specifications:

Power: 800W  
Speed range: 10000 to 30000 rpm  
Collet: 8 mm  
Key: 17 mm

### SOFTWARE GALAAD 3 V.

Compatible with the software : DMT, SOLID WORKS .

Import Files: ISO, DXF, HPGL, GERBER, EXCELLON .

Galaad standard licence : All modules with no restrictions

Font: 47  
Tool compensation: yes  
Drawing: yes  
Simulation: yes  
Hand drive : yes  
Mill : yes  
3D View : yes

### PC Minimum specification

PC : 1486 DX 50 M Hz  
Ram : 8  
Serial port: 2  
Available disk space: 30 Mgb  
System : Windows 95, 98, 2000, NT, Me  
Graphic adapter: VGA 640 x 480 x 16

**KYNON** Programming module.

**OWEIN** Graphic viewer.

**TERMINAL:** Setup CN,  
ISO editor.

### NUMERIC COMMAND

Connection : RS 232  
Serial cable: yes  
Alimentation cable: yes  
Alimentation: 220/50 Hz 6A

### INTERPOLATION

linear 3 axis: yes  
circular 2 axis: yes  
helicoid 2 axis + 1: yes  
Constant speed: yes

### USER'S MANUAL

GALAAD : paper

### Services and guaranteed :

Guaranteed : 1 year (return workshop, parts with the load of the customer)  
Software hotline : +33 (0) 4 50 46 40 13 free  
Mechanics hotline: +33 (0) 4 50 46 40 13 free