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## **JIPERS FOAMCUTTERS TECHNICAL CHARACTERISTICS - DECOR RANGE**

Dear Madam, dear Sir,

Tank you to spent time visiting our website <http://www.jipers.com> and to have downloaded this document. We hope you will find all informations you wish.

### **Description :**

CNC hot wire EPS cutting machine, producing varied shapes from a drawing file.

### **Chassis :**

Aluminum profiles reinforced frame;  
Rounded table edges to make easier the handling of material;  
M8 screw assembly to provide a perfect rigidity;  
Treated steel slide bars and rollers;  
Dust protected rollers with their lubricating unit (oil);  
High end synchronous driving belts, assuring quiet working and excellent accuracy;  
Composit material table;  
Microstepping motors technology;  
Protected conductors;

### **Control unit :**

Build with thick steel sheet and caster feet;  
Embedded electronics including :  
-Industrial computer;  
-Communicating peripherals : color LCD, keyboard, floppy disk;  
-Driving software;  
-No volatile memory necessary to keep configuration files and cutting files;  
Stepping motors power supplies;  
Adjustable hot wire power supply;

### **Cutting software :**

Working under Windows®  
DXF, EPS, HPGL import;  
Auto or manual junctions;

**Operating mode :**

A drawing file (HPGL, EPS, DXF), provided by your favorite drawing software is analysed and treated in our cutting software, in order to provide a cutting file.

This file is copied by floppy disk onto the cutting system.

Here, various menus allow to view, tune the cutting speed and other parameters.

The internal memory allow to keep hundreds of cutting files, even after a complete system shut off.

**Features :**Working dimensions : (Width x Height x Length)

nominal dimensions :           **18x:** 1200 x 1200 x 2500 mm  
  **36x:** 1200 x 1200 x 2500 mm  
  **72x:** 1200 x 1200 x 5000 mm

max block dimensions :       **18x:** 1260 x 1260 x 2560 mm  
  **36x:** 1260 x 1260 x 2560 mm  
  **72x:** 1260 x 1260 x 5060 mm

Overall dimensions - weight : (Width x Height x Length)

**18x:** 1600 x 1970 x 3100 mm ca 170 kg  
  **36x:** 1600 x 1970 x 3100 mm ca 200 kg  
  **72x:** 1600 x 1970 x 5600 mm ca 270 kg

Precision :

Software : +/- 1/100 mm

Hardware : +/- 1 mm by meter

Mains power supply :

Alternating monophase current : 230V (110V to be specified)

Max rating : 400VA

Nota: All characteristics are given as information title and can be modified without notice, according to the evolution of technologies.

optional automatised **turntable** :

- from **36x** model

Warranty : one year parts and labour.

Delivery within : 3 months.

Terms of sale : to define.

For any other information, please contact us.

Best regards.

Manager :

Denis Ragot

Hot wire developpement :

Jacques-Paul Savin