

MARTIN MAGNUM PRO 2000 SPECIFICATIONS

Heater size

- 1600w

Fuse rating

- 10A @ 220-240v
- 20A @ 110v

Over-heat protection

- Mechanical thermal protection device

Control Options

- 0-10v input

0-10v input

- Use remote Din socket Pin 2 GND and Pin 5, 0-10v input. This pin needs 1.5v to heat the machine and 2-10v to run the pump when up to working temperature.

Analog link

- Standard via 3 pin XLR socket

Recommended fluid

- Pro Smoke Studio (DX Mix)
- Pro Smoke Super (ZR Mix)
- Pro Smoke
- Super (Fragranced)
- Pro Smoke High Density (SP Mix)

Input fluid pipe diameter

- O/D 10mm
- I/D 4.5mm

Dimensions of Machine

- 695mm x 356mm x 325mm

Weight (no fluid)

- 18kg

Flying kit

- Standard

Installation

- The machine should be located in a well-ventilated area with a minimum of 200mm air space around the sides and top of the machine. The machine should only be used on level surfaces. The initial smoke output of the machine is hot, so the front of the machine should be at least 1 metre from surfaces or people. Never leave the machine running unattended. Do not install above people's heads.

Output nozzle size

- 102mm dia.

Sample project specification

■ Description

The well established Magnum Pro 2000 uses microprocessor-based technology in conjunction with a specially designed heating element offering long life and reliability.

■ Heat exchanger (1600Watts)

All Jem heat exchangers are designed for high efficiency performance. Only the purest grade LM24 aluminum is used in the production process which eliminates the risk of porosity (pockets of gas within the casting which can cause heater failure). All heat exchangers contain cuprous helicoils of at least 2.8 meters in length, ensuring a continuous flow of pure, dry, white smoke.

■ On-Board Remote System

Greatly appreciated by rental companies, this hand-held remote can be stored during transit on-board the machine, making it easy to find at show time and eliminating transit vulnerability. But storage isn't the only advantage. Portability is greatly enhanced by having on board controls.

Total power consumption

- 7.5A @ 220-240v
- 14.1A@ 110v

Heat up time

- 8 mins

Controller supplied

- Programmable timer remote

DMX input

- Optional module

Fluid capacity

- 9.5 litre

Fluid level sensing

- N/A

Smoke Output (max.)

- 700 cubic metres/min
- 24,720 cubic feet/min

Dimensions when boxed

- 700mm x 400mm x 300mm

Weight (with fluid)

- 27kg

Drip tray

- N/A

Max length of remote cable

- 50 metres (5 metres supplied)

■ **Analogue Link**

Whether you've run out of DMX channels or simply want to link two smoke machines together and operate them from a single remote, Jem's analogue link facility is the solution. This feature even allows multi-machine connection, making operation a simple one-finger action.

■ **Max Power Consumption**

7.5A @ 220v

14.1A @ 110v

■ **Maximum Smoke Output (approx.)**

700 cubic metres/min

24,720 cubic feet/min

■ **Fluid container**

All Jem smoke, haze and heavy fog machines are designed to carry removable fluid containers of varying sizes depending on the models application. The removable container makes for quicker refills and protects the machine from damage through spillage in transit.

■ **Maximum Fluid Consumption**

95ml/min

0.025 Imp. gallon/min

■ **Accessories**

DMX interface

■ **Included items**

Auto timer remote control

9.5 litre fluid container (empty)

Instructions for use manual

Flying bracket / handle

■ **Recommended fluids**

Pro Smoke Studio (DX Mix)

Pro Smoke Super (ZR Mix)

Pro Smoke Super (Fragranced)

Pro Smoke High Density (SP Mix)
