

MAGNUM 1500 SPECIFICATIONS

Physical

Size (L x W x H)	445 x 204 x 178 mm (17.5 x 8.0 x 7.0 in.)
Height with bracket attached	375 mm (14.8 in.)
Dry weight	11.1 kg (24.5 lbs)

Construction

Housing	Steel/aluminum
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Installation

Minimum clearance in front of output nozzle	60 cm (2 ft.)
Minimum clearance around machine	0.1 m (4 in.)
Orientation	Maximum 30° from horizontal

Fluid system

Fluid pump	Oscillating piston high pressure
On-board fluid capacity	2.3 liters (4.0 Imp. pints/4.9 US pints)
Maximum fluid consumption:	
80 ml (0.14 Imp. pints/0.17 US pints) per minute	
64 ml (0.11 Imp. pints/ 0.14 US pints) per max. run time (48 secs).	

Thermal

Maximum ambient temperature (T_a)	40°C (104°F)
Exterior surface temperature under steady state condition	50°C (122°F)
Nozzle temperature	up to 200°C (395°F)
Time required to cool before service	Minimum 20 minutes

Control and programming

Remote control unit	P/N 92765013
Control protocol	USITT DMX-512 (1990)
DMX channels	1
DMX addressing	DIP-switch

Connections

Remote control (standard)	RJ-45
DMX (option)	3-pin locking XLR, pin 1 shield, pin 2 cold (-), pin 3 hot (+)
PC/uploader	serial port

Maximum power and current (+/- 5%)

EU model

@ 220 V, 50 Hz	1140 W, 5.3 A
@ 230 V, 50 Hz	1240 W, 5.5 A
@ 240 V, 50 Hz	1350 W, 5.7 A

US model

@ 110 V, 60 Hz	880 W, 8 A
@ 115 V, 60 Hz	960 W, 8.4 A
@ 120 V, 60 Hz	1040 W, 8.7 A

Fuse

Main fuse (EU model)	6.3 AT (P/N 05020020)
Main fuse (US model)	10 AT (P/N 05020025)

Included items (EU model)

3 m (9.8 ft) IEC power cable 3x1.0mm ² with Schuko male connector	
3 m (9.8 ft) IEC power cable 3x1.0mm ² with no male connector	
User manual	P/N 35000160
Remote control with 5 m (16.4 ft) cable and RJ-45 connector	P/N 62020071

Included items (US model)

2 m (6.5 ft) US power cable 18AWG with US male connector (UL approved)	
User manual	P/N 35000160
Remote control with 5 m (16.4 ft) cable and RJ-45 connector	P/N 62020071

Accessories

JEM/Martin fog fluid, Regular DJ	Various sizes available
JEM/Martin fog fluid, Pro Smoke Super (ZR Mix)	Various sizes available
Magnum 1500 DMX interface module	P/N 91612000
DMX termination plug (end of link), XLR male	P/N 91613017
5-pin male to 3-pin female XLR adaptor cable	P/N 11820005
Ducting system (includes adaptor and 5m (16.4 ft.) of 4 in. (104mm) ducting)	P/N 92625008
G-clamp	P/N 91602003
Half-coupler clamp	P/N 91602005

Ordering information

Magnum 1500 (230 V, 50 Hz EU model)	P/N 91120000
Magnum 1500 (110 V, 60 Hz US model)	P/N 91120100