

### ELECTRICAL/MECHANICAL SPECIFICATIONS

#### Power supply

- 220 - 240V 50Hz
- 200 - 220V 60Hz

#### Lamp

Metal iodide type with special built-in power supply unit.

- Type of lamp: HMI 1200W
  - Cap Sfc 15.5-6
  - Colour temperature 6000 K
  - Luminous flux 110,000 lumen
  - Average life 750 h

#### Power consumption

- 1500 VA at 220V 50Hz
- correction factor 140 $\mu$ F standard

#### Motors

N. 20 microstepping motors with full microprocessor control.

### OPTICAL SYSTEM

Main optical unit in diecast aluminium, incorporating twin lens condenser and a reflector of high luminous efficiency.

### CONTROL SYSTEMS

#### Channels

- N.12 control channels (normal operation).
- N.16 control channels (extended operation).

#### Inputs

The SUPER SCAN ZOOM is set up to accept digital signals from controllers or computers.

- Digital serial input: RS232/423(PMX) or DMX 512

### MIRROR HEAD

- Head rotatable through 360° on projector housing.
- Graduated scale for easy and accurate positioning.
- Anchorage for safety wire.
- Mirror of ultra high luminous efficiency.

### Movement

- Produced by two  $\mu$ P controlled microstepping motors.
- Infinitely variable speed of rotation; maximum values:
  - horizontal (PAN) = 0.4 sec (150°)
  - vertical (TILT) = 0.3 sec (110°)
- Continuous and uniform movement. Resolution:
  - PAN =  $\pm 0.3^\circ$  (150°)
  - TILT =  $\pm 0.2^\circ$  (110°)

### CONSTRUCTION FEATURES

#### Safety devices

- Power supply shuts off automatically in the event of overheating or cooling system failure.
- Power shuts off automatically when cover is opened.

#### Cooling

Forced ventilation cooling system using axial flow fans.

#### Housing

- Extruded die-cast aluminium.
- Epoxy powder coated finish.
- Four side handles.

#### Mounting

- Steel bracket with epoxy powder coated finish.
- Six installation positions, 25 mm (1") apart.
- Bracket adjustable through 100° with graduated scale to assist positioning.
- Anchorage for safety wire.

#### Operating position

Will function in any position.

#### Weights and dimensions

- Projector 44.5 kg (97 lbs 14 ozs)
- Mirror head 3.1 kg ( 6 lbs 13 ozs)