

# GENERAL CHARACTERISTICS

**Power Supply:** 200 - 240 V, 50 / 60 Hz.

**Lamp:** ● Metal halide discharge lamp, with built-in ballast and igniter  
● two versions are available: HMI 575 W/GS and HMI 1200 W/GS.

## Power Consumption

Lamp type	Power consumption VA @ 220 Vac		
	With PFC (●)		Without PFC (●)
	VA	μF	VA
HMI 575	750	70	1500
HMI 1200	1500	140	3100

(●) PFC = Power Factor Correction

**Motors:** ● n.9 high resolution steppers motors, controlled by the internal microprocessors.

**Optical Unit:** ● Made by extruded and diecast aluminium, with top efficiency parabolic mirror and twin condenser, using special lenses subject to special antireflection multilayer coating.

**Objective lens:** ● Standard dotation: 1:2.5/250 mm (11°)  
● Available as option: manually switchable built-in wide angle lens (16°) ● Optional 1:3.3/300 mm (9°).

## Mirror Movement:

	Pan	Tilt
Beam excursion	150°	110°
Maximum viable speed	0,4 s/150°	0,3 s/110°
Positional accuracy	± 0,3°	± 0,2°

**Electronics:** ● Specially developed exclusively for Clay Paky by Pulsar Light of Cambridge ● Two microprocessors for input signal reception and real time simultaneous controlling of all functions.

**Control signals:** ● Analog Input 0 - 10V ● Serial Digital Input RS 232/423 (PMX) ● Digital full DMX 512.

**Control Channels:** ● 6 control channels ● Channel Functions:

- Channel 1: Iris, Gobo Rotation.
- Channel 2: Basic Color Selection, Color Wheel Rotation.
- Channel 3: Gobo Selection, Basic Color Modification, Frost Filter, Prism.
- Channel 4: Fading Dimmer, Stopper, Strobe.
- Channel 5: Pan.
- Channel 6: Tilt.

**Safety Norms:** ● The equipment is manufactured according to the latest safety regulations ● Protection degree IP 20 ● Power supply cable in compliance with IEC 20/22 III norms.

**Safety devices:** ● Automatic power supply thermal cut-out in case of overheating or cooling system failure ● Switch off security device in case of cover opening ● All inputs protected against accidental application of mains and static discharge.

**Cooling System:** ● Forced ventilation cooling by axial fan with optimised internal air circulation.

**Housing:** ● Extruded and die-cast aluminium ● Epoxy paint finish.

**Mirror Head:** ● Possible rotation of 360° on projector body.

**Mirror:** ● Very high reflectivity, perfect flatness glass.

**Bracket:** ● Aluminium bracket, epoxy paint finished ● Six setting positions (25 mm pitch) ● Adjustable setting angle of 110° total.

**Working positions:** ● Any position inside the ± 90° quadrant from horizontal axis.

## Weight:

	Net	Gros
Golden Scan 3 HMI 575 (*)	Kg 29.5 (65.0 lb)	Kg 32.6 (71.9 lb)
Golden Scan 3 HMI 1200 (*)	Kg 38.7 (85.3 lb)	Kg 42.4 (93.5 lb)
Golden Scan 3 HMI 575 TV (*)	Kg 30.4 (67.0 lb)	Kg 33.5 (73.9 lb)
Golden Scan 3 HMI 1200 TV (*)	Kg 39.6 (87.3 lb)	Kg 43.3 (95.5 lb)
Mirror Head for GS3	Kg 3.1 ( 6.9 lb)	Kg 4.6 (10.2 lb)

(\*) without mirror head

## Commercial Codes:

- C11068** Golden Scan 3 HMI 575 (w/out mirror head).
- C11069** Golden Scan 3 HMI 1200 (w/out mirror head).
- C11070** Golden Scan 3 HMI 575 Touring Version (w/out mirror head).
- C11071** Golden Scan 3 HMI 1200 Touring Version (w/out mirror head).
- C21061** Mirror Head for Golden Scan 3.
- C31126** Kit for built-in wide-angle lens.
- C31127** Optional 1:3.3/300 mm objective lens.

(PFC and hour meter are available on request for the standard version as well).

