

power supplies	100/240v 50/60 hz automatic power supply switching
lamp source	Philips 470w discharge lamp - type: msd platinum 20r - color temperature: 7, 800 k - life: 1, 500hrs - luminous flux: 23, 000 lm - cap by faston tm 250 (6.35 mm)
optics	170mm diam. front lens electronic focusing for a perfectly sharp light beam along its entire length zoom ranging from 4° to 31° for fixed gobos sharp focusing zoom range from 6.7° to 50° for rotating gobos sharp focusing beam mode with 2.5° aperture and "pipe" effect
color system	cmY color system based on 3 gradually fading color wheels 14 color filters on three wheels 2 cto filters (3, 200k and 2, 500k) + 1 ctb filter
effects section	2 gobo wheels: - wheel with 6 hq dichroic, indexable and interchangeable rotating gobos (ø 25.9mm). - interchangeable and variable rotating wheel with 18+1 fixed metal gobos (including 6 beam reducers). selectable gobo-shake function advanced visual effect disc (animation disc) 2 indexable and interchangeable rotating prisms (8-facet and linear prism) frost unit to soften the beam edge high precision 0-100% dimmer mechanical shutter and adjustable speed strobe effect
control and programming	30/34 dmx 512 control channels dmx protocol signal: usitt dmx 512 art-net / rdm display: graphic lcd backlit b/w display pan/tilt resolution: 16 bit gobo indexing resolution: 16 bit focus resolution: 16 bit dimmer resolution: 16 bit movement control: vectorial dmx signal connection: 5 pole xlr input and output software upload through dmx input
body	aluminium structure with die-cast plastic cover. two side handles for transportation. device locking pan and tilt mechanisms for transportation and maintenance.
moving body	angle: - pan = 540° - tilt = 270° resolution: - pan = 2.11° - pan fine = 0.008° - tilt = 1.05° - tilt fine = 0.004° automatic repositioning of pan and tilt after accidental movement not controlled by control unit.
electronics	long life self-charging buffer battery.

	<p>pre-set macros.</p> <p>function reset from control unit</p> <p>"energy saving" function: with the stop or total dimmer effect on, or with all the cmy filters full (black), consumption cut by 50%.</p> <p>on/off lamp control from the lighting desk.</p> <p>function reset from the lighting desk.</p> <p>"autotest" function from menù</p> <p>electronic monitoring with status error</p> <p>cooling system monitoring</p> <p>dmx level monitoring on all channels</p> <p>internal data transmission diagnostics</p> <p>firmware upgrade with no power</p> <p>firmware upload from another fixture</p>
safety devices	<p>bipolar circuit breaker with thermal protection.</p> <p>automatic break in power supply in case of overheating or failed operation of cooling system.</p> <p>forced ventilation with axial fans.</p>
working position	<p>working in any position</p> <p>hanging system: with fast-lock omega clamps (1/4 turn) on the base</p>
weight	28 kg