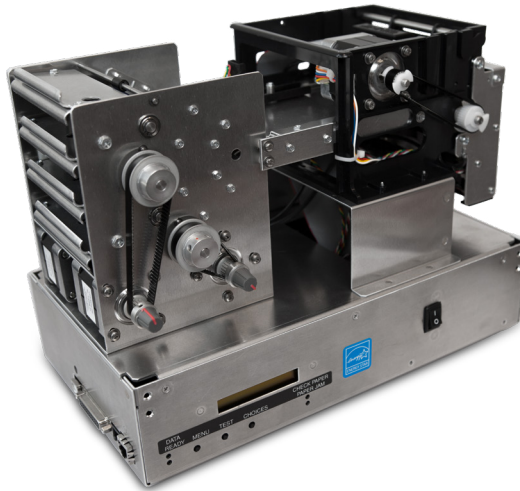# Lemur-MF Specifications

General
Print Method: Direct Thermal
Print Speed: up to 10" per second maximum
Resolution: 203 (8 dots/mm), 300 dpi (12 dots/mm)
Size: 25,4H x 18,5W x 38,6L cm (10.0H x 7.3W x 15.2L inches)
Weight: 6,1 kg (13.5 lbs.)

Media Transport
Media Type: Custom printed or blank fanfolded stock
Ticket Thickness: .004" to .011"
Ticket Width: 2.0"
Premium options: 2.11" or 3.25"
Ticket Length: All tickets must be the same length. Ticket lengths of 3" to 6" are acceptable
Positioning: Optical detector senses black mark
Ticket Separation: Manual tear-off or optional cutter with hopper
Ticket Paths: Supports four different ticket streams

Interfaces
Standard: Serial, Parallel and USB
Optional: Ethernet, Bluetooth & Wi-Fi

Protocols
Standard: FGL
Printer Drivers: Windows, Mac and Linux

Approvals
Designed to meet: UL / FCC / CE / CCC / ENERGY STAR / RoHS

* Print speed may be affected at extreme temperatures

RFID (optional)
ISO14443, ISO15693, UHF EPC Gen2
Others available upon request

Power Requirements
100-240 VAC, 50/60 Hz., 80W Max
24 VDC, 100W max

Power Consumption
Standby: 5W
Normal printing: 34W

Environmental
Operating Temperature: -20º to 60ºC*
Relative Humidity: 10% to 90%
Storage Temperature: -40 to 70ºC above specs without condensation

Bar Codes
Most 1D and 2D codes including PDF417, Datamatrix, QR, Aztec

Full speed printing of picket fence and ladder bar codes

Fonts
Resident fonts: 16 bitmapped fonts (including Cyrillic and German characters) and Oriental character sets (optional)
Downloadable fonts: HP Soft fonts / TrueType fonts
Downloadable RAM: up to 27MB
Downloadable Flash: up to 28MB (optional)

Graphics
FGL format, PCX format (1bit b/w), BMP format (1bit b/w). All graphics may be printed live or stored for future use

Web Interface - Ethernet Only
Real-time status monitor (E-mail notification)

Life Time:
Print Head Life Time: a minimum of 100 million activations per dot or 150 km of paper
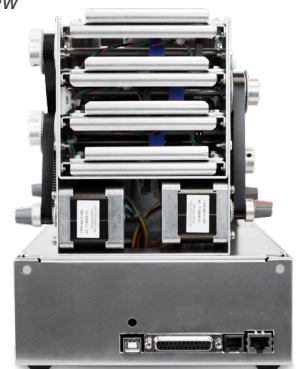
Warranty
All units -1 year, parts and labour.
Print head - 90 days

Life time print head warranty when using exclusively our tickets

Patents
BOCA has a patented head protection system that prevents premature head failure

Back view