

VARIABLE DOT PRODUCTION INKJET PRINTER

FALCON II



- **FAST**
- **RELIABLE**
- **TOP QUALITY OUTPUT**
- **EASY TO HANDLE**
- **EXTREME APPLICATION FLEXIBILITY**

FALCON II

RJ-8000 50" : 1.2 m width

RJ-8000 64" : 1.6 m width

RJ-8000 87" : 2.2 m width



Specifications:

Product Names	RJ-8000 50"	RJ-8000 64"	RJ-8000 87"
Technology	Drop-on-demand Micro Piezo Inkjet Technology - Variable drop mass output between 5.4 ng and 41.5 ng		
Media Thickness Compensation	Automatic media thickness compensation Variable Head Height (RIP controlled)		
Maximum Media Widths	1273 mm	1651 mm	2240 mm
Maximum Print Widths	1263 mm	1641 mm	2230 mm
Media	Range: 0.08 mm - 1.1 mm		
	Thickness	Maximum: 150 mm / 2" or 3"	
	Diameter / Core	Maximum: 30 kg	
Weight	Maximum: 30 kg		
Colour Modes	8 colour channels - 4, 6 or 8 channel output Dye: 4, 6 / Pigmented: 4, 6, 8 / Dye + Pigmented Mixed: 4 + 4		
Ink Cassette Capacity / Type	220 ml / smart-chip level and ink order sensing Autonomy : 6, 8 colour mode : 220 ml/colour / 2x4 colour mode : 440 ml/colour		
Print Modes & Panel Control Options	Uni & Bi-directional output, Interweaving (1, 2 & 4 print passes), Mirror Output, Multi Copy, Ink Status, Origin Control		
LCD display	4 lines x 20 Characters with LED Backlight		
Interface	Centronics, IEEE 1284 compatible / Network, High Speed Interface (standard high-speed interface card - 4 Mb/s)		
Command Language	RTL-PASS, MH-GL, MH-GL/2		
Recommended Working Environment	Temperature: 25° C - Humidity: 40 % - 60 % (no condensation)		
Take-up System	Standard - automated		
Hard Disk	20.3 GB standard - Stores 16 jobs - Up to 99 copies/job		
Software	PostScript level 3 RIP software standard in-the-box		
Media	High Quality Photo Resolution Media Range & Speed Oriented Media Range		
ICC profiles	Standard in-the-box + @ www.mutoh.be		
Optional Item	Extra Scroller Bars		

OUTPUT MODE EXAMPLES

High Quality Photo Resolution Media Range

Quality Level	Ink Set-Up	Resolution	Print Mode	Variable Drop	Speed m ² /h
Proofing / Photo	1x6	720 x 720	4 Pass / Bi-directional	Yes	3
High Quality Poster	1x6	720 x 720	2 Pass / Bi-directional	Yes	6 - 7
High Quality Poster	1x4	720 x 720	2 Pass / Bi-directional	Yes	6 - 7
Poster	2x4	720 x 720	4 Pass / Bi-directional	Yes	6 - 7
Speed Poster	2x4	720 x 720	2 Pass / Bi-directional	Yes	12 - 13.5

Speed Oriented Media Range

Quality Poster	2x4	720 x 720	2 Pass / Bi-directional	Yes	12 - 13.5
Speed Poster	2x4	360 x 360	2 Pass / Bi-directional	Yes	20
Top Engine Speed	2x4	360 x 360	1 Pass / Bi-directional	Yes	40

Output speeds mentioned are for output of 50" or wider and for 50" and 64" printers. The 87" printer model prints twice faster than the 50" and 64" printers in 1x4, 1x6 and 1x8 ink set-up. In 2x4 ink set-up, the 87" printer speeds are comparable with the output speed on 50" / 64" printers.
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