

ENCAD

NovaJet® 850



Eight-color production printing with ink flexibility.

The NovaJet 850 is designed for speed, ink flexibility and outstanding image quality. The NovaJet 850's eight-color performance produces incredible color gamut and smooth tonal gradations that far exceed that of standard six-color printers.

INDUSTRY-LEADING OCTACHROME AND ULTRA-FI INK SETS

Eight color ink sets from Encad create a new standard in wide-format inkjet quality. Our Octachrome ink set adds light cyan, light magenta, orange and green to the standard CMYK colors for increased color gamut and improved smoothness. The Ultra-Fi ink set adds light and medium dilutions of cyan and magenta to create flawless tonal gradations so impressive standard definitions of resolution become obsolete.

SAY YES TO ANY APPLICATION REQUEST

The NovaJet 850 offers unparalleled flexibility and versatility. With the ability to keep two ink sets installed at the same time, the NovaJet 850 makes it easy to switch from indoor graphics to archival photos to outdoor signs at the touch of a button. Twelve ink lines and eight ink reservoirs makes switching between pigment and dye ink fast and easy.

FAST, PRODUCTIVE AND PROFITABLE

Producing more quality prints per day makes your company more profitable. The NovaJet 850 provides 2 x 4 printing for super fast four-color process printing or 1 x 8 printing for ultra-high quality imaging. The Dynamic Thermal Drying System™ accelerates your workflow by providing high-speed, uniform drying, so prints are ready to use or laminate. The print engine offers a torque-free floating carriage assembly, designed to run faster without vibration or banding.

THE POWER TO DO MORE

Every feature of the NovaJet 850 is designed to give you the power to do more – and do it better, easier, faster. Contact us today or visit our website to find out how to put the NovaJet 850 to work for you.



Industry-leading Octachrome and Ultra-Fi printing for unmatched photographic print quality.



Hold two different ink sets and switch between them instantly.



Delivers super fast printing and drying to maximize throughput and profits.

ENCAD, Inc.
A Kodak Company

NovaJet® 850

SPECIFICATIONS



Print Technology	On-demand thermal inkjet MicroBurst inkjet technology
Ink Delivery System	NovaJet continuous ink system Dual ink system
Ink Compatibility	GS PLUS, GX, and GO (600 dpi)
Cartridge Warranty	Cartridges are warranted for 500 ml of ink throughput ¹
Cartridge Management	Assures the highest quality and reliable productivity through the useful life of the cartridge, which may extend beyond the cartridge warranty period. In order to ensure the quality of output, the cartridges will shut off after 1280 ml of ink throughput.
Media Compatibility	Compatible with KODAK Wide-Format Inkjet Media
Media Handling	Standard automated media take-up & feeder system, on-board dryer, media cutter
Print Resolution	600 x 600 dpi
File Resolution	Accepts 600 x 600 dpi or 300 x 300 dpi files
Emulation	
<i>Raster</i>	EN-RTL, HP-RTL, HP/GL-2 Raster Merge
<i>Vector</i>	HP-GL/2
Interfaces	100base-T Ethernet IEEE 1284 Bi-tonics ECP (Extended Capability Port) parallel
Processor	Power PC
Buffer	64 MB standard, expandable to 256 MB (1 DIMM slot)
Power Supply	Universal 90 to 264 VAC, 47 to 63 Hz
Power Consumption	Printer requires 20W idle, 185W typical, 285W maximum Dryer requires an additional 1200W
Noise	Standby: <50dBA Operational: <72dBA
Environment	
<i>Operating</i>	59° F to 86° F (15° C to 30° C) 20 to 70% RH non-condensing
<i>Storage</i>	40° F to 95° F (-4° C to 35° C) 5 to 80% RH non-condensing
Drivers	Encad file print utility, AutoCAD Drivers (2000/2000i/R13/R14 for Windows 95/98/ME/NT/2000) Windows Drivers (95/98/ME/NT/2000)
Certification	UL, FCC, CSA, TUV, CE Mark International Safe Transit Association

Specifications are subject to change without notice.
Please contact your local authorized Encad reseller, or Encad, Inc.

Encad, Inc. USA
6059 Cornerstone Ct., West
San Diego, CA 92121-3734
Tel: 1-800-45-ENCAD
Tel: 1-858-452-0882
Fax: 1-858-452-0891

Encad, Inc. Europe
A13 Kodak House
Station Road
Hemel Hempstead
Hertfordshire HP1 1JU
Tel: +44-0-1442-844-463
Fax: +44-0-1442-844-818

Encad, Inc. Asia
305 Alexandra Road
Singapore 159942
Tel: +65-64769-688
Fax: +65-64724-096

PN 220177-00

©Eastman Kodak Company, 2002
KODAK, ENCAD, NovaJet, MicroBurst, GS PLUS, GS+, Graphic Standard PLUS, GX, Graphic Extend, GO, Graphic Outdoor and Dynamic
Thermal Dryer are trademarks of Eastman Kodak Company. All other trademarks are the property of their respective owners.

www.encad.com

Standard Print Speeds At 600 dpi²

Mode	Pass	Speed
1 x 8 Production mode	2 Pass	81 sfph (7.5 smph)
1 x 8 Photo mode	4 Pass	62 sfph (5.8 smph)
1 x 8 Enhanced mode	6 Pass	41 sfph (3.8 smph)
1 x 4 Production mode	2 Pass	97 sfph (9.0 smph)
1 x 4 Photo mode	4 Pass	71 sfph (6.6 smph)
1 x 4 Enhanced mode	6 Pass	47 sfph (4.4 smph)
2 x 4 Production mode	2/4 Pass	132 sfph (12.4 smph)
2 x 4 Photo mode	3/6 Pass	83 sfph (7.7 smph)
2 x 4 Enhanced mode	4/8 Pass	62 sfph (5.8 smph)

Standard Accessories

• Eight inkjet cartridges: cyan, magenta, yellow, black • Eight 500 ml bottles:
cyan, magenta, yellow, black⁴ • Three sets of four ink reservoirs • Priming kit •
Dynamic Thermal Drying System (DTD System) • E-Connect 100base-T Print
Server • Sample roll of media • User Guide (CD ROM) • QuickStart Guide (man-
ual & CD ROM) • Software drivers (CD ROM) • Sample print images (CD ROM)

Dimensions	42" wide model	60" wide model
Height	44" (112 cm)	44" (112 cm)
Width	93" (237 cm)	111" (282 cm)
Depth	28" (71 cm)	28" (71 cm)

Weight

Assembled	150 lbs (68.2 kg)	165 lbs (75 kg)
Shipping head	127 lbs (58 kg)	140 lbs (64 kg)
Shipping stand	75 lbs (34 kg)	80 lbs (36 kg)

Media Specifications	42" wide model	60" wide model
Sheet Size ³	Std. engineering architecture & ISO cut sheet above 11" (28 cm), max 42" (108 cm)	
Roll Size Width	24" to 42" (61 cm to 108 cm)	24" to 60" (61 cm to 152 cm)
Max External Diameter	6" (15 cm)	6" (15 cm)
Core Diameter	2 ¹ / ₃ " (5 cm/ 7.6 cm)	2 ¹ / ₃ " (5 cm/ 7.6 cm)
Maximum Weight	60 lbs (27 kg)	60 lbs (27 kg)

Print Margin	Within 0.20" (5 mm) of each edge, except for cut sheet ³
Language options	English, French, German, Spanish, Italian, Portuguese, Chinese, Korean, Japanese

Warranty	One year on-site. ¹ Extended plan available.
-----------------	---

Ordering Information	Part Number
42" NovaJet 850 with stand/take-up and GS+ setup kit	216284-00
42" NovaJet 850 with stand/take-up and GX setup kit	217180-00
42" NovaJet 850 with stand/take-up and GO setup kit ⁴	217280-00
42" NovaJet 850 with stand/take-up and GS+ Dilution setup kit	218014-00
60" NovaJet 850 with stand/take-up and GS+ setup kit	216283-00
60" NovaJet 850 with stand/take-up and GX setup kit	217179-00
60" NovaJet 850 with stand/take-up and GO setup kit ⁴	217281-00
60" NovaJet 850 with stand/take-up and GS+ Dilution setup kit	218013-00

¹Warranty policy varies by region. For international warranty,
please contact your local distributor/Encad business partner.

²Output speeds may vary slightly based upon image/file size

³See owners manual for special handling instructions

⁴GO setup kit includes eight 200 ml bottles: cyan, magenta, yellow, black

Authorized Encad Partner

ENCAD, Inc.
A Kodak Company