

CADJET® 3D



FAST COLOR PRINTING
MicroBurst™ technology provides the fastest print speeds in four-color best mode



EXCELLENT PRINT QUALITY
Prints crisp clear lines with our pigmented black ink



ROBUST SOFTWARE
A full suite of CAD and Windows drivers



NETWORK PRINTING CAPABILITIES
10/100baseT network interface standard



SUPER FAST MONOCHROME PRINTING
Switches easily from four color to four black cartridges



The CADJET 3D is the complete solution for today's technical designer.

The CADJET 3D is 3 Dimensional – offering today's technical designer production-level speed, high quality color and monochrome printing, and value.

The CADJET 3D now offers the speed and flexibility of a four black print mode, which uses four black ink cartridges instead of the standard CMYK color combination. At super draft speed this translates to 565 square feet per hour, or less than 40 seconds for a D size monochrome plot, making the CADJET 3D the fastest monochrome inkjet printer in the industry.

The CADJET 3D is versatile enough to handle the demands of today's CAD/GIS applications. For crisp, quick color line drawings or schematics, use the extremely fast super draft mode. Or, for beautiful CAD renderings, 3D models, or GIS maps, use the 600 dpi best mode.

The CADJET 3D seamlessly integrates into your workgroup with a full suite of software drivers to support virtually all CAD applications. What's more, a fully-featured software PostScript RIP - V/R Xpress, processes prints at blazing speeds. The CADJET 3D features a 10/100baseT interface for direct connection to your company's network.

The CADJET 3D is packed with essential capabilities at an affordable price, making it both a complete solution and a tremendous value.

ENCAD®

CADJET® 3D Specifications



Print Technology	On-demand thermal inkjet MicroBurst technology
Ink Delivery System	250 ml continuous ink system
Ink Compatibility	CAD Ink System (CIS) – Dye-based color and black ink (CMYK) CAD Ink System Pigmented (CISP) – Pigment-based black (K) ink CAD Ink System 2 (CIS2) – Stand alone black cartridges for quick conversion of a bulk ink CMYK machine to fast four black printing
Cartridge Warranty	Warranted for 290 ml of ink throughput
Cartridge Management	For maximum quality and reliability, cartridges will shutoff after 300 ml of ink throughput
Media Compatibility	Compatible with most popular CAD media including photo gloss, mylar, vellum and bond
Media Handling	Roll feeder system with media cutter
Print Resolution	600 x 600 dpi, 600 x 300 dpi
File Resolution	Accepts 600 x 600 dpi or 300 x 300 dpi
Line Accuracy	±0.2% of specified length
Line Width	From .12mm
Emulation	
Raster	EN RTL, HP RTL, HP-GL/2 Raster Merge
Vector	HP-GL/2
Interfaces	IEEE 1284 Bi-tronics ECP (Extended Capability Parallel Port) RS-422 high speed serial, RS-232 C Serial 422 to 9 pin 232 for self service
Processor	Power PC
Buffer	64 MB standard, expandable to 128 MB (2 SIMM slots)
Power Supply	Universal 90 to 264 VAC, 47 to 63 Hz
Power Consumption	20 W idle, 100 W typical, 150 W maximum
Noise	Standby: < 50 dBA Operational: < 72dBA
Environment	
Operating	15° C to 35° C (59° F to 95° F) 10 to 70 % RH non-condensing
Storage	-21° C to 60° C (-5° F to 140° F) 10 to 70% RH non-condensing
Drivers	
AutoCAD	AutoCAD 2000 and 2000i HDI, Auto CAD LT 2000 and LT 2000i HDI AutoCAD ADI 14 and 13, (Windows 95/98/NT)
Windows	HP-GL/2, HP RTL, EN RTL, (Windows 95/98/NT 4.0/2000/ME) Basic Windows Application Driver also included.
Software RIP	For Raster Image Processing of Postscript Level 3, EPS, PDF and TIFF formats.
Certification	UL, FCC, CSA, TUV, CE Mark International Safe Transit Association Printer: FCC Class A
Standard Accessories	<ul style="list-style-type: none"> • Four inkjet cartridges • Four 250 ml bottles of ink • One set of four ink reservoirs • Priming Kit • User Guide (CD ROM) • Stand and Basket • Quick Start Guide (Manual and CD ROM) • Software drivers (CD ROM) • Sample print images (CD ROM)

Dimensions		Weight	
Height	44" (112 cm)	Assembled	101 lbs. (45 kg)
Width	71" (180 cm)	Shipping head	111 lbs. (50 kg)
Depth	28" (71 cm)	Shipping stand	38 lbs. (17 kg)
Print Engine Speeds			
<i>Full Color Printing (Color, Grayscale and Mono Modes)</i>			
Output in square feet per hour (square meters per hour), CMYK all modes			
Mode	Resolution	Standard Print Speed	Sample Print Time*
Super Draft	600 x 300 dpi	200 sfph (18.6 smph)	1 min. 40 sec.
Draft	600 x 300 dpi	113 sfph (10.5 smph)	3 min. 10 sec.
Normal (Default)	600 x 600 dpi	73 sfph (6.8 smph)	4 min. 45 sec.
Best	600 x 600 dpi	55 sfph (5.1 smph)	6 min. 30 sec.
*600 dpi, full color, 2' x 3' plot on 36" media. Does not include time to rasterize or transmit the image.			
<i>High Speed Monochrome Printing (Four Black Printing)</i>			
Output in square feet per hour (square meters per hour), KKKK all modes			
Mode	Resolution	Standard Print Speed	Sample Print Time*
Super Draft	600 x 300 dpi	565 sfph (52.5 smph)	40 sec.
Draft	600 x 300 dpi	280 sfph (26 smph)	1 min. 15 sec.
Normal (Default)	600 x 600 dpi	205 sfph (19 smph)	1 min. 40 sec.
Best	600 x 600 dpi	155 sfph (14.4 smph)	2 min. 15 sec.
*600 dpi, four black, 2' x 3' plot on 36" media. Does not include time to rasterize or transmit the image.			
Media Specifications			
Sheet Width	11" to 36" (27 cm to 91 cm)		
Roll Width	11" to 36" (27 cm to 91 cm)		
Roll Diameter	max 4" (10.2 cm)		
Core Diameter	max 2" (5 cm)		
Weight	max 60 lbs. (27 kg)		
Print Margin	Within 0.20" (5 mm of each edge, except for cut sheet)		
Language options	English, French, German, Spanish, Italian, Portuguese, Simplified or Traditional Chinese, Korean, Japanese		
Warranty	One year on-site. Extended plan available.		
Ordering Information	Part Number		
CADJET 3D Printer with Basket, Stand and the following Inks:			
	• CJ3D, Printer (Original Config with CMYK dye-based inks)	215406-00	
	• CJ3D, Printer with CISP Pigmented Black (K) + CIS C,M,Y inks	215406-20	
	• CJ3D, Printer with four CISP - Pigmented Black (KKKK)	215406-40	
Accessories	4 pack of black CIS2 stand alone, foam-filled cartridges	216760-00	
NETWORK INTERFACE SPECIFICATIONS			
Protocols	IPX/SPX, TCP/IP, NetWare, NetBEUI/NetBIOS IP, HTTP		
Power Supply	AC Adapter 115 VAC – 250 VAC		
Dimensions			
Height	1.0" (25mm)		
Width	2.5" (64mm)		
Depth	4.5" (115 mm)		
Ethernet Connector	10/100baseTX UTP Ethernet connector (RJ45)		

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

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