

APOLLO 4C

THE HIGH-SPEED, PROCESS-COLOR INKJET

THE WORLD'S FIRST
AFFORDABLE SINGLE-PASS
PROCESS COLOR INKJET



Inkjet
Technology by 
invent

FEATURES

- 1" vertical print swath per print head
- Affordable, modular, upgradeable design
- Full color images and text at up to 660 x 600 dpi
- CMYK process color
- HP45A cartridge with micro-alignment for seamless print
- Simple maintenance and ink cartridge replacement
- Rotated print, graphics and barcodes for inline or perpendicular print orientation
- ICC color profiles optimize print results on a variety of substrates

APPLICATIONS

- Variable full process color print
- Porous and limited glossy substrates
- Addressing and personalized mail
- Gaming, tickets, tags and labels
- Numbering and barcoding
- Transactional forms and documents

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TIJ – WATER-BASED INKS

Print Color Graphics at 10,000 pph or More

Color makes a world of difference – it grabs attention, increases response rates, boosts recollection, and sells more effectively.

For stunning color images, text and drawings, choose the Apollo4C print head – the world's first affordable inkjet system to print variable data in single-pass process color at speeds at 10,000 pieces per hour or more.

BUSKRO
Built for today | Designed for tomorrow

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GET THE ATTENTION YOU DESIRE

Technology leadership is the hallmark of Buskro. The Apollo4C is a breakthrough in inkjet technology with the innovation of full process color single pass printing. At resolutions up to 660 x 600 DPI the Apollo4C full color images rival that of offset printing on porous stocks. Static mail typically gets a 2% response; personalized mail a 5% response – imagine what color will do for you!

Industry experts claim that color is 55% more likely to be read than black and white and you can achieve 30% higher response rates. Even with just one or two inches of color you will get the attention you desire. Ask your Buskro application specialist for samples of this exciting and very affordable full color inkjet solution.

The Apollo4C is so easy to operate, you can achieve outstanding full color logos, banners, graphics and attention grabbers in minutes.

All Buskro inkjet systems are built with a modular, open architecture that allow you to expand, mix and match with a wide range of inline equipment including:

- Feeders
- Drying/Curing Stations
- Flip-overs
- Inserters
- Transports
- Tabbers
- Conveyors
- Camera Systems

All Buskro products feature heavy-duty construction from top to bottom, as well as design details that promote years of trouble-free operation.

For more information on this print technology and our complete line of mail and print solutions, visit our website or call a Buskro application specialist today!

PRINT HEAD SPECIFICATIONS

Models	1600
Print Swath	1" (25mm)
Vertical DPI	600
Print Technology	HP TIJ 2.5 DOD, 30 ng drop, 12 Khz
Ink Chemistry	Water-based, pigmented
Ink	Matisse Ink
Ink Delivery	Standard 45A construction: 42 ml; CMYK colors: cyan, magenta, yellow, black (2 each per 1" array); level sensing
Vertical Coverage	Combine for up to 2" of color print
Horizontal Coverage	39.5" max

PRODUCTION AND SPEED RATING

Resolution Horizontal DPI	Surface Speed		Count PPH (#10 envelope)
	ft/min	m/s	
110	545	2.8	35,650
220	270	1.4	17,650
330	180	0.9	11,750
440	135	0.7	8,800
660	90	0.5	5,850

Apollo 4C 1600 print head with a 660 dpi encoder
Actual speed depends on image size, complexity, and format. Horizontal DPI is software selectable

PRINT HEAD CAPABILITIES IN CONJUNCTION WITH COMPOSE SOFTWARE

Hardware	Pentium 4 (min); 1 GB RAM min; 4-port datapath
Operating System	MS Windows XP SP2
Inkjet Control Software	Compose IQ
Data Formats	Fixed, Delimited, DBase, Foxpro, Access, Excel
Text	True-Type
Graphics	BMP, JPEG, WMF, TIFF, PCX, PDF (optional)
Barcodes	Postnet, Planet, Datamatrix ECC200, EAN128, UPC A, Code 128, PDF 417, 3of9, 2of5, IMB, various international postal & more



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