

HYPERION

THE WIDE PAGE HIGH-RESOLUTION INKJET

go
wide

Inkjet
Technology by 
invent



FEATURES

- High speed and high resolution. Up to 3 m/s and 600 X 1200 DPI.
- Excellent image sharpness and definition.
- Wide print swath with electronic stitching for seamless image printing.
- Remote, pressurized, regulated ink supply and automated maintenance.
- Ink cartridge hot swapping.
- Capable of operating in combination with other Buskro print technologies.

APPLICATIONS

- Intended for high-speed, wide coverage on porous materials.
- Gaming, tickets, tags, and labels.
- Numbering and barcoding.
- Sheet-fed or web-based applications.
- Read/print for envelopes.
- Variable full-page PDF images; statements, booklets, documents.
- Multi-lane web printing

HYPERION

TIJ – WATER-BASED INKS

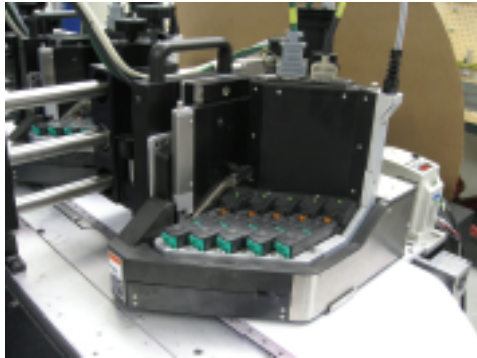
Wide Print Heads Give Full Page Coverage at Speeds Suitable for Web and Sheet Fed Printing

Powerful system control, outstanding print quality, and easy operation - this true High-volume production unit is ideal for a broad range of mail and print applications.

Small drop size HP pigmented inks produce laser-like, dark, crisp images on a variety of substrates with easy replacement. A pumped bulk ink delivery system with on the fly “hot swap” replacement combined with an automatic head maintenance feature ensures continuous production in high volume environments.

BUSKRO
Built for today | Designed for tomorrow

HYPERION



THE WIDE SWATH HIGH-RESOLUTION INKJET

Whether you are trying to stay one step ahead in a fast-moving, highly competitive industry or looking to drastically cut your production and delivery times Buskro has a solution that is right for you. The Hyperion inkjet system is your high speed; high resolution wide swath thermal inkjet VDP solution. This HP technology gives you a high image quality and puts advanced personalized printing at your disposal.

The Hyperion head ensures compatibility with existing Buskro inkjet systems and offers remarkable flexibility through its use in combination with other Buskro inkjet technologies including Apollo, Atlas, Aurora, and Elite.

All Buskro inkjet systems are built with a modular, open architecture that allows 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	DC (Direct Connect)
Print Swath	4.25" (108mm)
Vertical DPI	600
Print Technology	HP TIJ 3.0, 18 ng drop, 36 Khz
Ink Chemistry	Water-based, pigmented, black.
Ink Delivery	Disposable, HP bulk ink cartridge (775 ml); 2-channel bulk ink dispensing module with level sensing
Vertical Coverage	Combine up to 17" (432mm)
Horizontal Coverage	2" to 24" (51mm - 609mm)

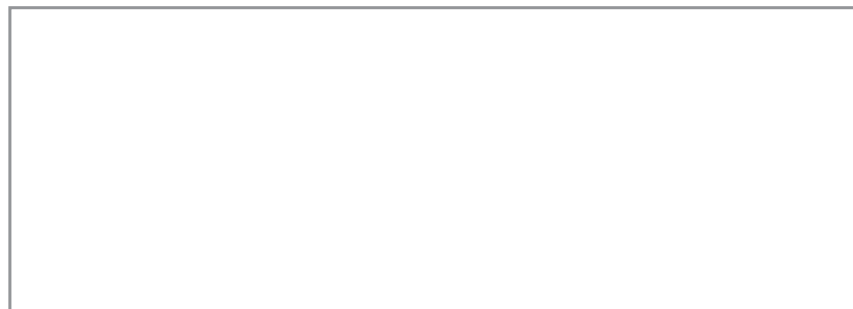
PRODUCTION AND SPEED RATING

Resolution Horizontal DPI	Surface Speed		Count
	ft/min	m/s	*PPH (#10 envelope) 11" pitch
300	540	3.0	40,000
450	360	2.0	28,400
600	270	1.5	21,300
800*	198	1.1	15,600
1200*	126	0.7	9,900

*Actual production speeds can depend on application, number of printheads and method of transport.
* Does not apply to combo printing applications
PPH = Pieces Per Hour

PRINT HEAD CAPABILITIES IN CONJUNCTION WITH COMPOSE SOFTWARE

Operating System	MS Windows Vista
Inkjet Control Software	Compose IQ 9.0
Data Formats	Fixed, Delimited, XLS, DBF, PDF
Text	True-Type
Graphics	BMP, JPEG, WMF, TIFF, PCX, PDF (optional)
Barcodes	4 State, Postnet, Planet, Datamatrix ECC200, EAN128, Code 128, PDF 417, 3of9, 2of5, IMB, various international postal & more.
Special Applications	Read/Print, Duplex Print, Verification, use in combo with cameras, scanning systems and linked controllers.



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