

# AURORA

THE "PRINT ON ANYTHING" INKJET

PRODUCTIVITY WITH SPEED  
AND FLEXIBILITY



## FEATURES

- Prints onto a wide range of substrates: coated stocks, plastics, even metal
- No solvent emissions
- Outstanding image quality
- Production speed of up to 30,000 pph
- Based on proven Atlas DOD print technology
- Balanced ink formulation for good flexibility and adhesion
- Requires UV lamp for ink cure

## APPLICATIONS

- High gloss self-mailers and postcards
- Barcode and text on Plastic cards
- High-volume personalization – letters, mailings
- Envelopes, inserts, magazines, flats, books, etc
- Coupon imaging/barcode printing
- Gaming, tickets, tags and labels
- Numbering and imprinting

## AURORA

PIEZO – UV CURABLE INKS

### The Flexibility To Easily Switch Stocks

Print crisp, vibrant, high-quality images and text on virtually any substrate.

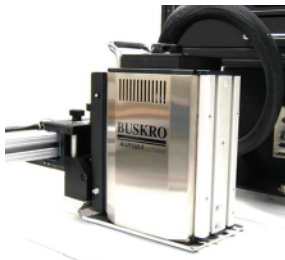
With Renior inks, this sophisticated print head is perfect for imaging onto a wide variety of stock – coated paper, plastics and even metal – at high speeds.

Buskro's UV curing station completes the solution.

**BUSKRO**  
Built for today | Designed for tomorrow

# AURORA

THE "PRINT ON ANYTHING" INKJET



## PRODUCTIVITY WITH SPEED AND FLEXIBILITY

In 2002 Buskro introduced the first curable single-pass variable data print head. Today Buskro continues to perfect and innovate in this popular category. The Aurora offers all of the speed of the renowned Atlas print heads with flexibility to print on a wider range of substrates. Unlike systems that employ volatile solvents like MEK, the Aurora UV system prints on virtually any substrate without resulting noxious emissions – The Aurora makes UV printing so flexible, so easy.

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	1250	2250	3250
Print Swath	1" (25mm)	2" (51mm)	3" (76mm)
Vertical DPI	256		
Print Technology	Piezo DOD; 30/80 ng drop, 35 KHz		
Ink Chemistry	Acrylate based UV Curable; no harmful emissions		
Ink	Renoir Black Ink (1 L box) Prints on a wide range of stocks including metal and plastics		
Ink Delivery	2 or 4 channel pumped; level sensing		
Vertical Coverage	Combine for up to 24"		
Horizontal Coverage	39.5" max		

## PRODUCTION AND SPEED RATING

Resolution Horizontal DPI	1250		2250 & 3250			
	Surface Speed ft/min	Count PPH**	Surface Speed *	Count	Surface Speed *	Count
110	1270	6.5	83,100	885	4.5	58,000
220	795	4.1	52,000	465	2.4	30,000
330	530	2.7	34,650	305	1.6	20,000
440	395	2.0	25,850	225	1.2	15,000
660	265	1.4	17,300	162	0.8	10,000

Horizontal DPI is software selectable

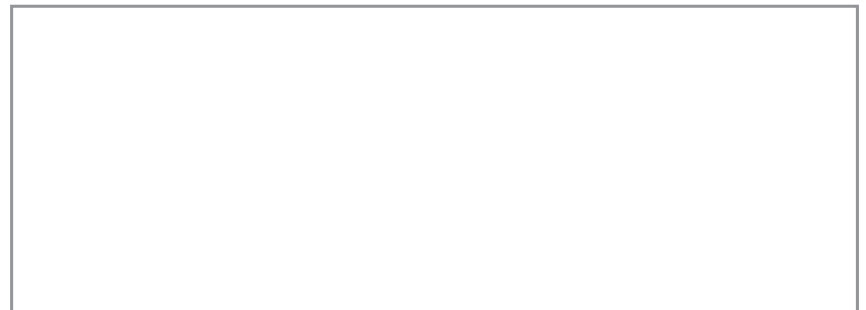
Actual speeds depend on print resolution, curing lamp power, lamp exposure and method of transport

\* Speeds may vary on wide format printing between 12"-24"

\*\* Based on 11" Pitch

## PRINT HEAD CAPABILITIES IN CONJUNCTION WITH COMPOSE SOFTWARE

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



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