

Taurus

Sheet-fed **UV-LED** Inkjet System

Expand your business with the flexibility for variable data printing (VDP)

- Plug & Play System
- Outstanding print quality (600 × 600dpi)
- Very attractive price & low ink costs
- Up to 50m/ min.
- Involving multiple patented technologies



Utilizing over 25 years' experience and technologies in industrial graphic processing and industrial inkjet printing, Amica successfully launches industrial inkjet printing system based on DOD piezoelectric print technology. Taurus is a high-performance monochrome sheet-fed inkjet system for variable data printing (VDP), combining proven quality, versatility, and intelligent automation to maintain high productivity.

Accompanied by the continual and sharp increase for personalized and customized application, the production needs of variable data printing also drastically increase. Taurus offers a comprehensive solution for VDP, including control software, variable data printing software, transport and inkjet printing system. Taurus will be an ideal complement of your existing production lines, which will help you provide your customers with value-added variable data printing service. Streamlined workflow makes it easy, efficient and fast for your operators to finish high-quality jobs with variable data. Investing in Taurus will be an economic, simple, and fast method for you to obtain the capability of variable data printing.

Expand your business with value-added variable data printing (VDP)

Based on your existing traditional printing production lines, the Taurus variable data inkjet system easily helps you obtain the capability of variable data printing. Taurus utilizes off-line printing method. According to your customer's demand, you can print variable data on the substrates with pre-printed fixed content. Supported variable data includes graphics, images, numbers, dates, time, barcodes, serial numbers and texts. Taurus enables you to win more chances of profit by extending the types of your acceptable printing jobs and enhancing the production adaptability.

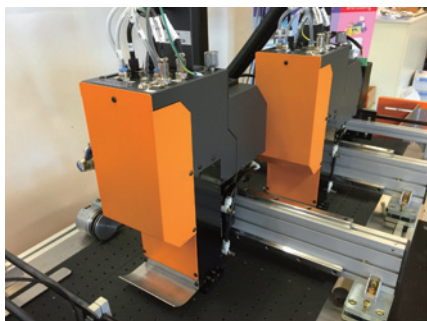


Freely adjust print location

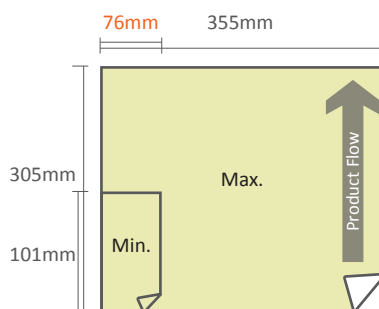
Taurus offers significant flexibility for your printing production. Taurus is equipped with 1 or 2 independent head modules with a print width of 54mm. By moving mounting positions of these two head modules on the print support, you can adjust the actual locations of printing for variable data to meet the special demand of each job.

Wide media range

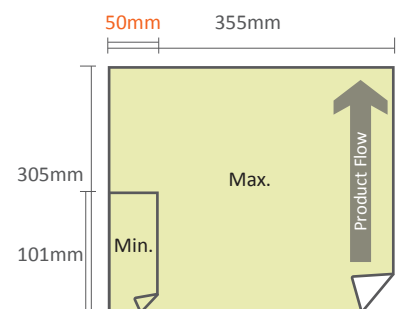
Taurus enables you to easily obtain high-quality and personalized prints with variable data using art paper, recycled paper, glossy stock, PVC, direct mail pieces, synthetic substrates, paperboard for folding cartons, flat chipboards, corrugated cartons and so on. Taurus prints on substrates up to 4.8mm thick. For substrate sizes supported, see the diagrams below.



Print Head Modules Mounted on Supports



Single Sheet Size Supported (Standard)



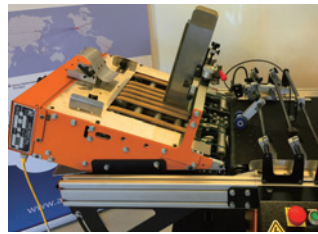
Single Sheet Size Supported (Optional)

HIGHLIGHTS

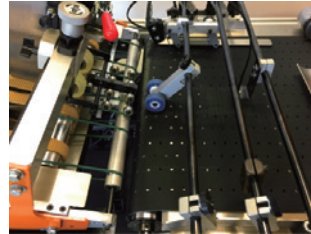
- Easy to operate with vacuum based transport
- Robust friction feeder can be quickly and easily adjusted to accommodate a wide range of substrates of different sizes
- Equipped with 457mm wide perforated vacuum belt
- UV-LED curing system suitable for heat-sensitive substrates



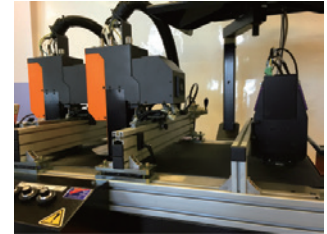
Vacuum Based Transport



Friction Feeder



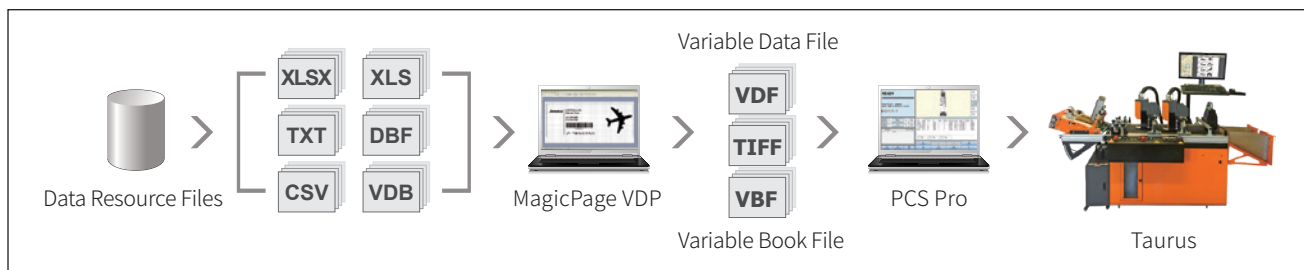
Wide Infeed Perforated Belt



UV-LED Curing System

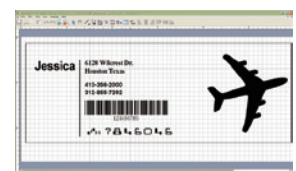
EFFICIENT WORKFLOW

As a comprehensive monochrome VDP inkjet printing system, Taurus works seamlessly with MagicPage and PCS Pro to achieve efficient VDP workflow.



Advanced Variable Data Printing Software - MagicPage

- Supports various types of objects, such as texts, dates, time, graphics, barcodes, 2D codes, and photo images
- Customized template and layout design
- Extensive field-editing tools for large quantity of variable data and static texts
- Supports multiple data source files for variable data, including .CSV, .XLS, .XLSX, .TXT, .DBF and .VDB files
- Real-time and intuitive RIP output preview
- Embedded barcodes and serial numbers



MagicPage Main Window



MagicPage RIP Window

User-friendly PCS Pro Enhancing Productivity

- Specifically customized for variable data printing of single-pass inkjet printing system
- User-friendly and graphical interface
- Remote printer control, printing parameter setting, and printer status monitoring
- Easy operation and maintenance of the printer
- Embedded test patterns for nozzle check and head alignment



PCS Pro Main Window

SPECIFICATIONS

Print Productivity	50m/ min. (164ft/ min.)
Print Resolution	600 × 600dpi, 600 × 450dpi, or 600 × 300dpi
Print Head	Print head native resolution: 600dpi Native drop volume: 7pl-21pl with grayscale Head power management; Head temperature controller
Media	Handling: sheet-fed Media size (W × D) (Standard): 76mm (2.99") × 101mm (3.98") (min.) 355mm (13.98") × 305mm (12") (max.) Media size (W × D) (Optional): 50mm (1.97") × 101mm (3.98") (min.) 355mm (13.98") × 305mm (12") (max.) Media thickness: min. 90grs to 4.8mm (0.19") thickness Media types: a wide range of coated and uncoated substrates, including paper, glossy stock, PVC, and plastic cards
Printing	Print technology: DOD piezoelectric inkjet print technology Print width: up to 54mm (2.13") per print head Print types: texts, serial numbers, barcodes, dates, time, etc.
Ink	Ink type: UV curable ink, water-based ink (Optional) Ink colors: monochrome (black, or spot color) Ink volume: 1L ink reservoir Automatic ink supply system; Automatic alarm signaling ink shortage
Software and User Interface	Professional Printer Control Software (PCS Pro) MagicPage VDP Software
Operating Environment	Temperature: 16-28°C (61-82°F) Relative humidity: 40-60% (Recommended) Altitude: up to 1000m (3281ft)
Dimensions (W × D × H)	2550mm × 1500mm × 850mm (100.39" × 59.06" × 33.46") (Height: exclusive of monitor stand)

APPLICATIONS

Direct Mail (envelopes, postcards, etc.) | Blister Cards | Plastic Cards | Unfolded Die-cut Boxes | Hang Tags | Tickets



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