Venkataramana Graphics Pvt. Ltd.

Building Trust Through Service

NEW COLOR INKJET WEB DIGITAL PRINTING SYSTEM

HONGDA DIGITAL:
HD-440C Series

HD 1200dpi

◉ **Stable and high-speed printing unit**
Heavy Duty printing platform capable of printing at a high speed of l00m/min.

◉ **Suitable for many markets**
Suitable for printing applications such as commercial printing, Publications, Documents, digital printing, Educational materials and package instructions.

◉ **Excellent printing quality**
Maximum resolution up to 1200dpi*1200dpi

Top Speed	Available Width	Highest Resolution
120m/min	440/660mm	1200x1200dpi

Highly Flexible
Roll to Roll Feeding System

The highly adaptable paper feeding unit of General Inkjet Printing's HD-440C series inkjet digital printing system can handle media with a feeding width of up to 440mm, Supporting customer demands for rapid switching between papers with various specifications.

High Quality
Water-Based Inks for Environmental Protection

- Eco-friendly and stable, thanks to advanced formulas.
- Quick-drying technology reduces drying time, ink, and energy consumption, cutting production costs.
- Versatile paper compatibility: Excellent performance on digital, offset, and newsprint papers.

Unique
Printhead Control System

- Dedicated driver boards control each printhead for efficient printing and easy maintenance.
- Leveraging latest smartphone chip technology for low energy consumption and high-speed data processing.

High-speed
Printing Unit

600dpi*600dpi/600dpi*900dpi/ 600dpi*1200dpi

- Achieve exceptional print quality (600x1200dpi) and high-speed printing (100m/min) minimal maintenance, optimal printing results.

600dpi*600dpi/600dpi*900dpi/ 600dpi*1200dpi
Next-gen printheads deliver 1200x1200dpi high-definition printing on coated paper at up to 80m/min.

Automated
Cropping & Stacking

- Precise cropping for various paper weights
- **Automated stacking:** No separation needed
- **Continuous production:** Refill papers without pause
- **Automated production:** Cropping, stacking, Conveying

HONGDA DIGITAL:
HD-440C Series **HD** 1200dpi

VENKATARAMANA GRAPHICS PVT. LTD.
Building Trust Through Service

Our Other Products

Pre - Press
- Amsky
- Mclantis

Post Press
- Vjet
- Simple Cut
- Pinnacle

- Signage
- Epson
- Taimes

- Challenger
- Fuji Film
- Oric • RUK

Press
- GIP
- McLantis

Others
- Print Factory

Specifications

Model	DIGIMAC-POD-HD440	DIGIMAC-POD-HD650
Inkjet Head	Industrial-grade on-demand piezoelectric nozzles with resolution upto 600x1200dpi	
Ink Type	water-based pigment ink	
Printing Method	Black and white double-sided (Can be upgraded to two-color)	
Printing Speed	1516 A4 single side/min (75m/min)	
Maximum Paper Width	440mm	650mm
Paper Range	40gsm - 200gsm	
Paper Type	Ordinary offset paper, Domestic digital offset paper, Inkjet coated paper	
Software	DIGIMAC workflow inkjet special edition, Supports a variety of international standard file formats	
Paper Feeding	Roll feeding and Automatic winding	
Maximum Roll Diameter	1270mm	
Paper Buffer Unit	Yes	
Cutting Stacking	Automatically cut into single sheets in sequence through the B120 paper buffer unit and automatically stacked and output in dislocations	
Maximum Speed	55m/min (Precise), 75m/min(Normal)	
Paper Width	140mm - 440mm	140mm - 650mm
Maximum Delivery Width	440mm	650mm
Cutting of various sizes and Specifications		
The cutting book stacking system includes buffers, Cutters, Stackers, Conveyors, etc.		

Convenient and easy to use

- Print immediately after power-on, without wasting paper for start up.
- The output software can do continuous printing and inserting printing, which is convenient for arranging small jobs to be printed at any time, without stopping the machine and wasting paper, improving efficiency and saving production costs.
- By the concept of system engineering, the whole machine has a high degree of automation and better overall interoperability, which greatly reduces the number of operators, the difficulty of personnel management and the continuous increase of labor costs. Low consumption, high efficiency, stable and reliable operation.

Low production cost

- The maximum power of the inkjet system is 11.5KW, the maximum power of the cutting system is 22KW, and the maximum power of the entire system is 33.5KW. The actual production is about 12KW.

- The entire system is energy-saving and environmentally friendly, with low global power consumption, low overall operating costs, and production quality that meets users' current business needs, helping users obtain faster return on investment.

Exclusive technology

- Unique anti-broken line technology and ink supply technology that can guarantee the entire printing process without breaking line.
- The ink developed by independent technology has better printing adaptability, low power consumption drying performance and paper adaptability.

Scalability

- Can be upgraded to two-color printer.
- A variety of cutting programs are under development, and third-party cutting programs are supported.

Scan for more Info

⦿ Our Presence

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