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STAND NUMBER
3C55
HALL3 BOOTHC55

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» Machinery manufacturer » **Inkjet Technology** » High Printing Quality » **Higher Productivity** » Wider Print Width » **Cost Effective** » Power of Production » **Customization**

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WEB-FED VDP **MACHINE**

Custom designed unwinder&rewinders for digital printing

With UV or water based Inkjet unit and inspection system installed on the web fed Variable Data Machine, it is possible to print personalized data digitally onto various papers, coated papers, glossy papers, PET, BOPP. It is easy to add 100% camera inspection and verification of printed variable data. This complete solution is perfectly designed to smartly address the counterfeiting issues. Customers can personalize every label/document with a unique barcode, 2D/QR code, text, number, images, and many more in which can verified by a high resolution camera or barcode.

Key Features:

Magnetic brake with loadcell control
Loadcell controlled rewinder for constant tension

Easy to install different types of ink jet systems

From ½ "to 16" printing width
Easy operating and maintenance
Electronic speed control

Multiple tickets and labels numbering and barcoding personalisation formailing
Security Tax stamps numbering and barcoding

Camera or barcode control (optional)

Technical Details

Max roll width	:	200 - 400 mm
Max roll diameter	:	500 - 800 mm
Max running speed	:	100 - 200 m/min
Core diameter	:	70 - 76 mm pneumatic (other sizes on request) Automatic web guide (optional)
Sizes of ink jet platform	:	700 x 1200 mm height of ink jet platform : 1000 mm

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A3 SIZE SHEET-
FED VDP MACHINE

Numbering & Barcode Printing Machine is a unique and smart design to print numbers and barcodes on small size paper, envelope and price tag labels

This offline code printing machine is ideal for short and long run jobs. This machine is a great solution for customers who are looking for a compact design, efficiency and value for money.

Key Features:

- Rotary vacuum feeder or friction feeder option
- Print head height adjustment according to stock thickness
- Durable, reliable & safe
- Easy to operate
- Also utilized for sheets counting double sheet dedector (optional) suction under belts
- Vibrating table (optional)

Technical Specifications

Max Sheet Size	:	297 × 420 mm
Min Sheet Size	:	100 x 100 mm
Feeding System	:	Vacuum feeder
Max Speed (SPH)	:	10,000
Stock Handled (Max)	:	350 GSM
Stock Handled (Min)	:	50 GSM

PRINTING CARTRIGGES OF PRINTING PRESSES

CARDBOARD BOX-
FED VDP MACHINE

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A cardboard box feeding and variable data printing machine is a type of industrial equipment used in packaging and printing industries. It is designed to feed cardboard boxes into the machine and print variable data onto them. The variable data can include information like batch numbers, expiration dates, barcodes, and other product specific details. This machine streamlines the process of packaging and labeling, making it efficient and less prone to error.

Key Features:

- » Efficient and accurate cardboard box feeding mechanism
- » Ability to print variable data including batch numbers, expiration dates, and barcodes
- » High-speed printing enhancing the packaging process
- » User-friendly interface for easy data input and operation
- » Durable construction for long-lasting performance in industrial environments
- » Automatic error detection and correction to minimize operational disruptions

Technical Specifications

Max Box Size	:	210 × 297 mm 210 x 300 mm h : 200 mm
Min Box Size	:	100 x 100 mm H: 50 mm
Feeding System	:	Manual feeding

ZEISER
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DOD UV INKJET SYSTEM FLUENTE iZ2 iZ4

- Versatile and cost-effective solution for serialization
- Patented ink delivery
- Small footprint and turn-key design
- Print width 54 or 108 mm
- High speed/resolution ratio
- Upside down printing

The high resolution FLUENTE iZ2 | iZ4 inkjet system provides a versatile and cost-effective solution for variable data printing on a wide range of substrates. The iZ2 | iZ4 is suitable for all barcodes, 2D codes, numbering, personalization, logos and graphics. The design is ideal for tax stamps, security bags, government documents and certificates, as well as for labels, stamps and lottery tickets etc. The modular system architecture offers simple expansion for a limitless array of synchronized data for all applications.

Key Features & Benefits

- Small footprint and turn-key design offer easy integration and on multiple transports → Low Investment Costs
- Simplified ink delivery system ensures reliable operation →Low Maintenance Costs
- Variable DPI printing and multiple "drops per spot" options allow for customization ensuring → Low Printing Costs
- Hot swap of ink bottle → Short Downtime
- Print head of latest generation → Best Quality On Various Materials (up to 600 x 600 dpi)
- High speed capability (up to 274 m/min) → Maximum Production Speed
- Rapid start-up → Quick Production Readiness
- User friendly software interface → Fast Intuitive Learning

Technical Specifications

Description	Performance	Description	Performance *	
Print Width	iZ2: 54 mm | 2.13"	Print Speed 150 dpi	356 m/min	1200 f/min
Resolution	600 dpi	Print Speed 300 dpi	274 m/min	900 f/min
No. of Drops	1 to 3	Print Speed 600 dpi	137 m/min	450 f/min
Drop Level (1 | 2 | 3)	7 pl | 14 pl | 24 pl	Ink Types	UV	
Frequency Response	60 kHz	Jetting Technology	Piezo DoD	
Custom Colors	Yes	Communication	Ethernet	
Smallest readable font size	3 pt	Power Requirement	240/115 V AC	
Standard Delivery	Printer, adjustable integration bracket, ink supply system, production software, encoder, sensor			
Options	UV lamp dryer, UV LED dryer (water cooled with chiller/air cooled), pinning units			

*Speeds will vary with ink type and drop size.

KYOCERA
Inkjet System

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The KYOCERA Inkjet System is 108 mm in print width per module and has 600 dpi native resolution. Wider print width can be achieved by adding additional modules. The KYOCERA Inkjet System can print on a variety of different substrates, i.e. various offset papers, coated papers, gloss papers, films etc.

Key Features:

- New compact 108 mm single-head 600 dpi Piezo high-speed printer for the industrial print market
- Drop-on-demand Piezo Print head with 108 mm print width
- Printing resolutions of 600 x 600 dpi and 600 x 300 dpi
- Grayscale - 4 level grayscale with water base ink 5pl, 8pl, 12pl, 18pl and with UV ink 6pl, 7pl, 11pl & 14pl
- Speed of water base inkjet system - 75m/ min at 600 x 600 dpi and 150m/min at 600 x 300 dpi
- Speed of UV inkjet system - 50m/min at 600 x 600 dpi and 100m/min at 600 x 300 dpi
- Maximum printing width single module 108 mm scalable up to 540 mm
- High quality native barcodes-at both "picket fence" and "ladder" orientation

The KYOCERA also brings standards with the the industry-leading software that includes functionality for:

- Digital Workflow: Soft proofing and remote job setup. Open integration with industry standard databases
- Software comes with all standard industrial and mailing barcodes including intelligent mail code and datamatrix
- Support for variable graphics and variable data (multiple fonts and variable within text elements)
- Integration with KYOCERA camera systems, matching systems and read/print technology
- 100% accountability via KYOCERA direct support network

Technical Specifications

Image Resolution & Speed	600 x 300 dpi, 600 x 600 dpi, 600 x 1200 dpi
Printing Width	108 mm, upto 540 mm
Ink Types	UV-Curable or Water based
Printing Speed	Water Base Inkjet System 75 m/min upto 300 m/min For UV Base Inkjet System 50 m/min upto 200 m/min
Grey Levels	For Water Base Inkjet System 5pl, 8pl, 12pl & 18pl For UV Base Inkjet System 6pl, 7pl, 11pl & 14pl
Ink Supplies	10 and 20 liter bulk ink bottles are available
Print Length	Possible without gap

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SHEET-FED VDP **MACHINE**

Ultra transport systems for variable data printing machine is an innovative design to meet customer needs for flexible number, barcode , variable data and random data printing at very competitive running cost.

Thermal inkjet variable data printing machine is ideal for short and long run jobs. This coding machine is a great solution for customers who are looking for efficiency & best value for money

Variable Data Printing Applications:

- » CAF numbering for mobile phones
- » Communication Letters
- » Numbering & Bar Code Travel & Lottery Tickets
- » Scratch cards
- » Personalized cheque books
- » Addressing on envelopes
- » Telephone & electricity bills
- » Thick card board & medicine/ other boxes
- » University examination answer sheets

Key Features:

- » Rotary vacuum bottom or friction feeder
- » Vacuum belts under printing heads
- » Side registration (optional)
- » Print head height adjustment according to Stock thickness
- » Double sheet detector
- » Vibrating table at outfeed (optional)
- » Electronical speed control
- » Data or barcode verification system (Optional)
- » Durable, reliable & safe

Technical Details

Max Sheet Size (mm)
350 x 500 / 500 x 700 mm

Min Sheet Size (mm)
100 x 200

Max Speed (SPH)
8000 - 15, 000 /per hour

Stock Handled (Max.)
350gsm

Stock Handled (Min.)
50gsm

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PAPER BAG MACHINE WITH **INTEGRATED FLEXO PRINTING UNIT**

Overview of the Paper Bag Machine Series: This machinery series is designed to produce a variety of handle-less paper bags, making it ideal for the rapid production of mid to large-sized bags.

Functionality: The machine's operation includes side gluing, roll folding, roll paper cutting, bottom folding, bottom gluing, bottom forming, and bag output in a single line.

Efficiency and Precision: The machine is user-friendly, highly efficient, and stable. It includes a photoelectric detector for accurate cutting length and a PLC system for quick and stable performance.

Customization and Ease of Use: The machine is customized for specific customers with a bag cutting length controlled by a servo motor, eliminating the need for gear changes. This design makes operation as easy as using perforation cutting machines.

Application: With its high-speed production of various bag sizes, the machine is particularly suitable for use in the food and clothing industries.

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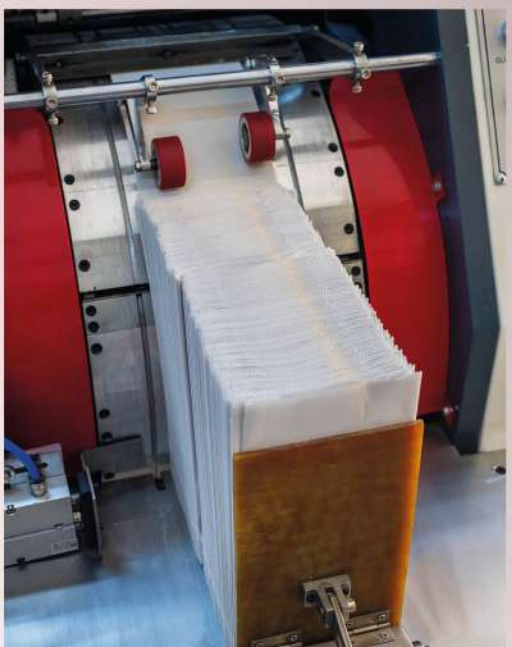
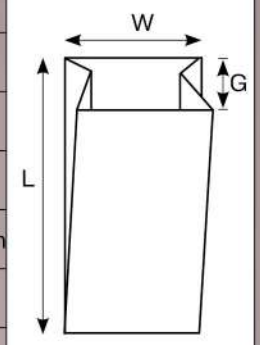


MODEL	ULTRA Masterbag 400
Paper bag length (L)	160-450mm
Paper bag width (W)	80-250mm
Side insert width (G)	20-120mm
Bag mouth height	15/20mm
Max. Paper bag speed	100-400 pcs/min
Paper thickness	40-80g/m2
Paper roll width	Max 800 mm
Paper roll diameter	Dia1000 mm
Inner diameter of the paper roll	Día 76 mm
Print colors	4 colors



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OTHER SPECIAL MACHINES

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ULTRA MÜMESSİLLİK
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