



**SMART SOLUTIONS FOR
LABEL PRINTING & FINISHING | PACKAGING | SECURITY PRINTING | BRAND PROTECTION**

**VINSAK India Pvt. Ltd
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About Us

For over three decades, **VINSAK** has been a trusted name in the printing and packaging industry, offering innovative and business-focused solutions to label converters, finishers, commercial and security printers, as well as end users.

VINSAK provides expert consultation and end-to-end support to help set up and optimize production facilities, ensuring the right solutions are in place to meet customer demands.



With over 3,000 machines installed across more than 150 countries, VINSAK has established a strong global presence. In 2023, the company further strengthened its capabilities with the acquisition of **Rotatek Printing and Packaging Technologies SL**, a Spanish press manufacturer founded in 1970 with over 1,800 installations worldwide.

This strategic acquisition enhances VINSAK's offerings across key sectors including flexible packaging, folding cartons, security printing, and pharmaceutical inserts, reinforcing its position as a comprehensive solutions provider in the global packaging industry.

Global Offices



India

U.A.E

Spain

Sri Lanka

Saudi Arabia

SOLUTIONS



Label Printing



Label Finishing



In-mould Labels



Shrink Films



Pouches



Folding cartons



Excise & Tax Stamps



Variable Data Printing



Pharma Inserts



VINSAK LABEL-DECORE

Modular Machine for Converting and Label Embellishments

Raised Textures | Foil Stamping | Glitter Application | Embossing | 3D Effect Holographic Image | Soft-Touch Finishes | Matt & Gloss Coatings | Spot UV | Braille.

Thoughtfully crafted label has the power to stir emotions, pique curiosity, and signal quality, making it a vital aspect of any product's presentation. With Vinsak **LABEL-DECORE** you can achieve countless possibilities to enhance your labels.



Embossing effect Effect of raised glossy embossing/textures, Spot varnish helps brand owners to transform ordinary products into extraordinary product.

Digital Foiling Cost-effective foil application, without the need for dies which will make the product stand out.

Cast and cure effect Print special effect using cast cure to give special features like, 3D holographic effect, etc.

Variable data printing In grey scale mode same system can be used for the variable data printing by changing the fluids from varnish to black inks – to produce Bar-code, QR-code, Serial number etc.

Model	VINSAK HB X 50i - with special extended frame which help to integrate it on different type of transport.
Maximum Varnish Deposition	250 micron
Resolution	720 Dpi
Max Speed	50 m/min*
Grey Level	up to 8 grey level.
Drop Size	12 to 84 PL
Fluid Type	UV Varnish, UV Ink, White Ink, Black Ink and Color Ink.
Available Print width	Multiples 70mm, Upto 530 mm.
Printing method	Single Pass
Database support	Yes
Printing Application	Digital Embellishment.
Work flow	Smart PDF workflow.
Laydown technology	High Ink Laydown Technology
Electrical Requirement	230V/50 Hz



Key features of Label-Decore

- The system features a modular design, accommodating either a single or double print bar.
- Capable of printing high-build braille or tactile heights up to 250 microns.
- Allows for the initial installation of a single inkjet bar, with the option to retrofit an additional bar later as needed.
- Achieves UV Opaque White opacity of up to 92.6% at a speed of 50 meters per minute with a single print head.



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DIGI-FINISH 370 PRO



SPEED

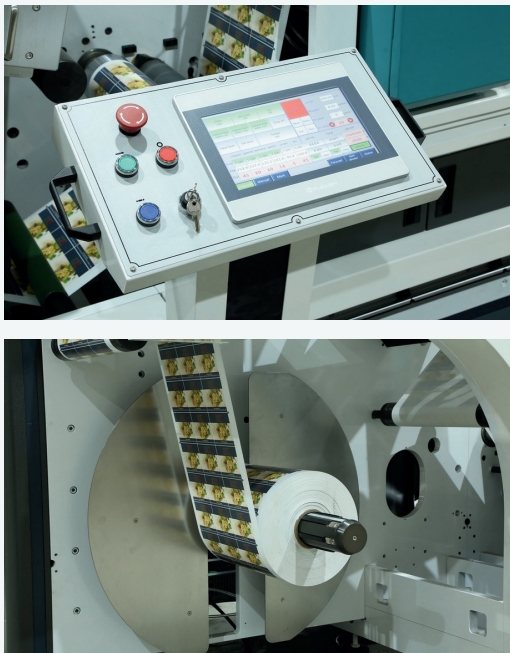


VERSITALITY

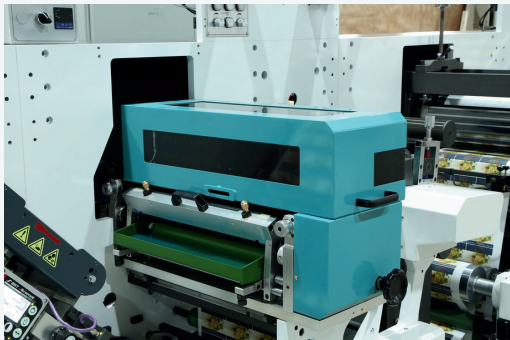
The Vinsak Digi-Finish 370/430 is a high-performance, modular digital label finishing system designed to meet the evolving needs of modern label converters. Engineered for precision and flexibility, it offers a comprehensive suite of finishing capabilities.



With a web width of 370/430 mm, the Vinsak Digi-Finish 370/430 is ideal for producing high-quality, embellished labels across various applications. Its integration of advanced features and modularity makes it a versatile solution for businesses aiming to enhance their label finishing capabilities.



Flexo Printing: Dual-mode flexo print station supporting both full and semi-rotary modes, enabling spot varnishing or flood coating.



Semi rotary& rotary flexo unit with drive control and 14mm thickness flexo plate with 0.38mm thickness adhesive tape.

Cold Foiling: Available in full rotary mode, with an optional upgrade for semi-rotary cold foiling.

Laminating: Supports both unsupported and supported laminating processes.



General	
Handling	Left to right
Maximum material thickness	0.45mm
Minimum material thickness	0.05mm
Maximum running speed die cutting	60m/min
Maximum running speed full rotary re register	100m/min
Manual cross adjust movement	+/- 10.00mm
Maximum material width	370mm
Minimum material width	150mm
Unwinder	
Standard unwind diameter	700
Maximum unwind diameter	1000.00mm
Standard uniwnd shaft diameter	76.20mm
Maximum adjustment web guide	+/- 25.40mm

Flexographic Printing Station	
Flexographic type	full rotary / full rotary re-reg / semi rotary
Maximum printing width	370 mm
Maximum rotary flexo plate cylinder size	640 mm
Minimum rotary flexo plate cylinder size	254 mm
Maximum repeat semi rotary with 647.70mm (25.5") cylinder	609 mm
Minimum plate repeat semi rotary	50.80 mm
Coating roller width - standard	350 mm
Accuracy to pre printed web	+/- 0.15mm

UV Curing system	
Type- Low energy air cooled	GEW E2C
Lamp arc length	380.00mm
Lamp power (LED upgrade avilable)	140-180w/cm
Overlamination	
Maximum unwind roll diameter	450.00mm
Standard unwind/rewind shaft diameter	76.20mm
Maximum rewind roll diameter	450.00mm

Die-Cutting: Dual-mode die-cutting station offering both rotary and semi-rotary functionality.



Semi-rotary die cutting unit with three servo driver control system.

Advanced Features: Includes snowball and standard matrix stripping, as well as an online remote diagnosis connection for efficient troubleshooting.

Waste Matrix Rewinder	
Type	Standard/ Contact
Maximum rewind diameter	700mm
Metal to metal through die cutter/sheeter	
Max Slitting	304.80mm
Sheet length increments	0.10mm
Minimum sheet length	50.80mm
Maximum running speed with 6 blades on a 125.00mm (4.921") sheet	62m/min
Print or label to sheet accuracy	+/-0.15mm

Die Cutting Station	
Type	Semi rotary / Rotary
Maximum die cut repeat on 647.7mm (25.500") cylinder semi rotary	609 mm
Minimum die cut repeat semi rotary	50.80 mm
Maximum die tool size rotary (option)	640 mm
Minimum die tool size rotary	304.80 mm
Maximum die cutting width	350 mm
Standard flexible die tool thickness	0.44mm to suit 0.48mm air gap
Accuracy to printed web	+/- 0.15mm



Snowball waste collector suitable for various shapes of labels.

Slitting: Equipped with rotary shear or crush slitting knives and razor slitting knives, each with 10 sets.



Its modular design allows for customization with optional extras such as web cleaners, corona treaters, flat-bed screen printing units, hot foiling/embossing units, and more, catering to specific production requirements.

Slitting	
Scissor slit minimum slit width	15.00mm
Scissor slit maximum number of knives	20
Razor blade minimum slit width	12.00mm
Razor blade maximum number of blades	20

Rewinder	
Maximum roll diameter upper shaft	450mm
Maximum roll diameter lower shaft	800mm
Standard rewind air mandrel size	7620mm
Power Requirements	
Basic machine including GEW only (50hz)	380/415V 3PH, E & N 32AMP/PHS
Air requirements	6 BAR
Corona Treater (IEEC Model)	2 KW
Cold foil full rotary maximum speed	50m/min



WATCH NOW



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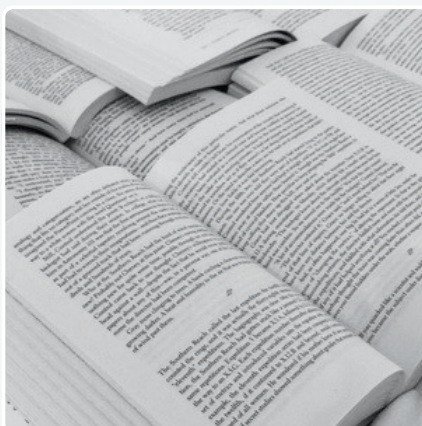
INKJET SYSTEMS

PRECISION - PERSONALISATION - PERFECTION

SECURITY PRINTING | TAX & EXCISE STAMPS | GRAPHIC ARTS | QR CODES
LABELS & FLEXIBLE PACKAGING | SCRATCH CARDS | ALL BAR CODES (1D/2D CODES)

Vinsak Inkjet Systems are high-performance printing solutions designed to meet the demands of variable data printing, security printing, and packaging applications. These systems offer exceptional precision, speed, and flexibility, making them ideal for industries such as labels, packaging, commercial printing, and security documents.

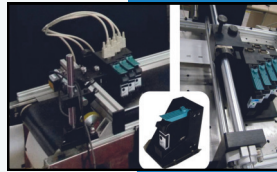
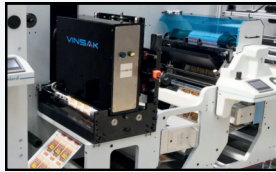
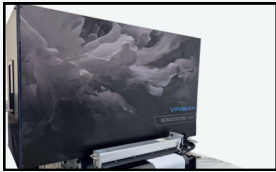
Equipped with advanced drop-on-demand (DOD) and Thermal inkjet (TIJ) technology, Vinsak Inkjet Systems ensure high-resolution printing on a wide range of substrates, including paper, plastics, films, and foils. The systems support applications like numbering, barcoding, serialization, personalization, and brand protection.



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With seamless integration capabilities, Vinsak Inkjet Systems can be easily incorporated into existing production lines, enhancing efficiency and reducing operational costs. Backed by robust software and user-friendly interfaces, these systems provide real-time monitoring and control, ensuring superior print quality and reliability.



SPECIFICATIONS	Monochrome 1200 I	VIS 720 I	VIS 1200 K	TIJ
Print width	43mm	72mm	108mm	12.7mm
Native resolution	1200 dpi	360 npi	600 dpi	600 dpi
Compatible fluids	UV, AQ	UV, AQ	UV, AQ	AQ, Solvent
Drop size	2.4pL – 13PL	6pl - 30pl	5pl-18pl	N/A
Max Speed	300 mtr/m*	120 mtrs/min*	100 mtrs/min*	92m/min
Electrical Requirements	220V, 50-60 Hz, 10A	220V, 50-60 Hz, 10A	220V, 50-60 Hz, 10A	220V, 50-60 Hz, 10A
Printing Technology	Piezo, Drop on demand	Piezo, Drop on demand	Piezo, Drop on demand	Thermal Ink jet
Database Support	YES	YES	YES	YES
Fonts	Windows True type fonts accepted	Windows True type fonts accepted	Windows True type fonts accepted	Windows True type fonts accepted
Operating System	Windows 10 and above	Windows 10 and above	Windows 10 and above	Windows 10 and above
Data Type	PDF, CSV, TXT	PDF, CSV, TXT	PDF, CSV, TXT	PDF, CSV, TXT
VDP Software	Included	Included	Included	Included
Print head type	Fuji Samba G3I	Konica Minolta KM1024i	Kyocera KJ4A/KJ4B	HP TIJ Printhead
Grey Levels	7 grey level	8 grey level	3 grey level	3 grey Level
Operating temperature	20-25° C	20-25° C	20-25° C	10-40° C
Operating Relative humidity	35%-60%	35%-60%	35%-60%	10%-80%
Printable images:	Graphics Art, VDP	VDP	VDP	VDP

*speed may vary based on substrate type and thickness.

Share your specific application, and our team will recommend the most suitable technology. The system seamlessly integrates with most camera systems for 100% inspection.

The Vinsak DiGi-Jet 1000 is a high-performance UV inkjet printing module designed for on-demand, variable data printing in labels and packaging. It delivers sharp, high-resolution output at impressive speeds, making it ideal for applications such as serial numbering, barcodes, QR codes, personalization, and brand protection. Engineered for seamless integration with existing flexo or finishing lines.





Vinsak **U.S.A.R (Universal Slitter & Rewinder)** is a versatile, high-precision finishing solution designed for label and packaging converters. Built for speed, accuracy, and operator-friendly control, the U.S.A.R handles slitting, rewinding, and inspection in a single pass—optimizing workflow and reducing turnaround time.

Its modular design allows integration of value-added features such as 100% inspection systems, inkjet printing for variable data, and die-cutting units. Capable of processing a wide range of substrates including paper, films, and foils, the Vinsak U.S.A.R delivers consistent quality, tight tolerances, and maximum productivity, making it an essential tool for modern print finishing operations.

Key features of U.S.A.R

- Available in web widths of 350 mm, 450 mm, and 550 mm.
- Supports inside and outside winding operations.
- Efficient web tension control for consistent performance.
- Production speed of up to 300 meters per minute.
- Standard scissor slitting unit with precision knives.
- Multiple rewind mandrel options: 1", 1.5", 2", 3", 6", 10", and 12".
- Quick-release nip roller with pneumatic pressure control for easy maintenance.
- Maximum unwind diameter of 700 mm (upgradeable to 1000 mm).
- Automatic roll stop based on diameter, label count, or meter count.
- Adjustable splicing table with pneumatic clamps for quick waste removal.
- Maximum rewind diameter of 1000 mm in single mode and 450 mm in dual mode.
- Unwind mandrel sizes: 25 mm, 38 mm, 76 mm, with servo-driven or pneumatic brake tension control (adapters available for 152 mm / 6" cores).
- Electronic web guiding with ultrasonic sensor, compatible with both opaque and clear substrates.



The VINSAK VRL is a portable roll lifter with a swivel core gripper, designed to provide efficient core gripping, lifting, turning, and transportation for loads of up to 250 kg.

Equipped with a safety brake, it ensures secure loading, unloading, and movement of rolls, minimizing the risk of accidents. This ergonomic solution reduces manual labor, enhances operational safety, and helps prevent damage to the top layer of paper, making it an ideal choice for handling rolls with ease and precision.

VRL-S200



VRL-250

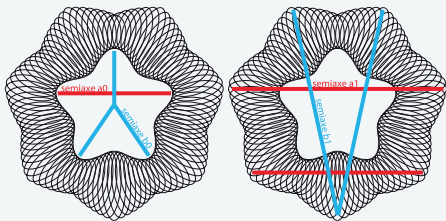




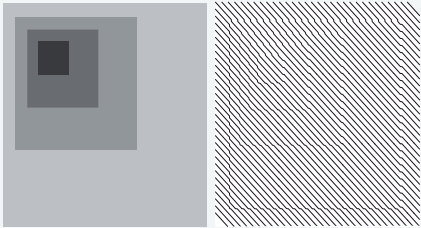
Vinsak Security Software is a powerful brand protection solution designed to safeguard packaging, labels, and high-value documents from counterfeiting and tampering. Built on our exclusive Original Math Technique, developed from years of expertise in secure printing for passports and government documents, the software creates unique, intricate security patterns that are virtually impossible to replicate. Whether applied to product labels, tax stamps, or identity documents, Vinsak Security Software offers an easy-to-integrate, cost-effective way to enhance authenticity, protect brand integrity, and maintain consumer trust.

Applications

Tickets | Pass books | Security Labels | Packaging Cartons | Oil and Cosmetic Products | Passport | Visa Certificates and Permits | ID Cards | Driving licenses | Cheques | vouchers | Tax revenue stamps.



Spirals, 2- Wheels, 3 Wheels



Relief Generation



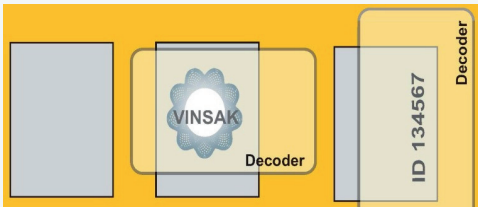
Line Modulation



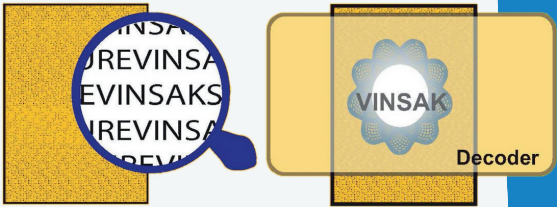
Anticopy Designs:



Pattern Relief



Hidden images in dots and lines



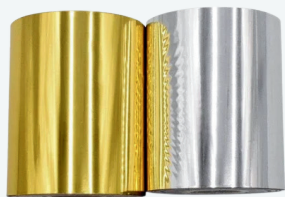
Microtext/ Nano Text / hidden image in Micro Text

VINSAK CONSUMABLES



Vinsak Consumables deliver consistent quality and reliability for printing, packaging, and security applications. Our extensive range includes thermal transfer ribbons, security inks, digital foils, flexo and offset plates, anilox rollers, doctor blades, and other essential pressroom supplies.

Sourced from leading global brands and tested for compatibility with a wide variety of printing and finishing equipment, Vinsak consumables ensure optimal performance, reduced downtime, and long-lasting results. With ready stock and prompt delivery across the Middle East, Africa, and South Asia, we help you keep your production running smoothly—day after day



Cold Foil



Self adhesive blanket



MICR Toner



Label stock



Photopolymer Plates



Flexographic Plates



UV Varnish Coating



Inkjet inks



Flexo Inks & Varnish





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Trends & Networking Follow Us on



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