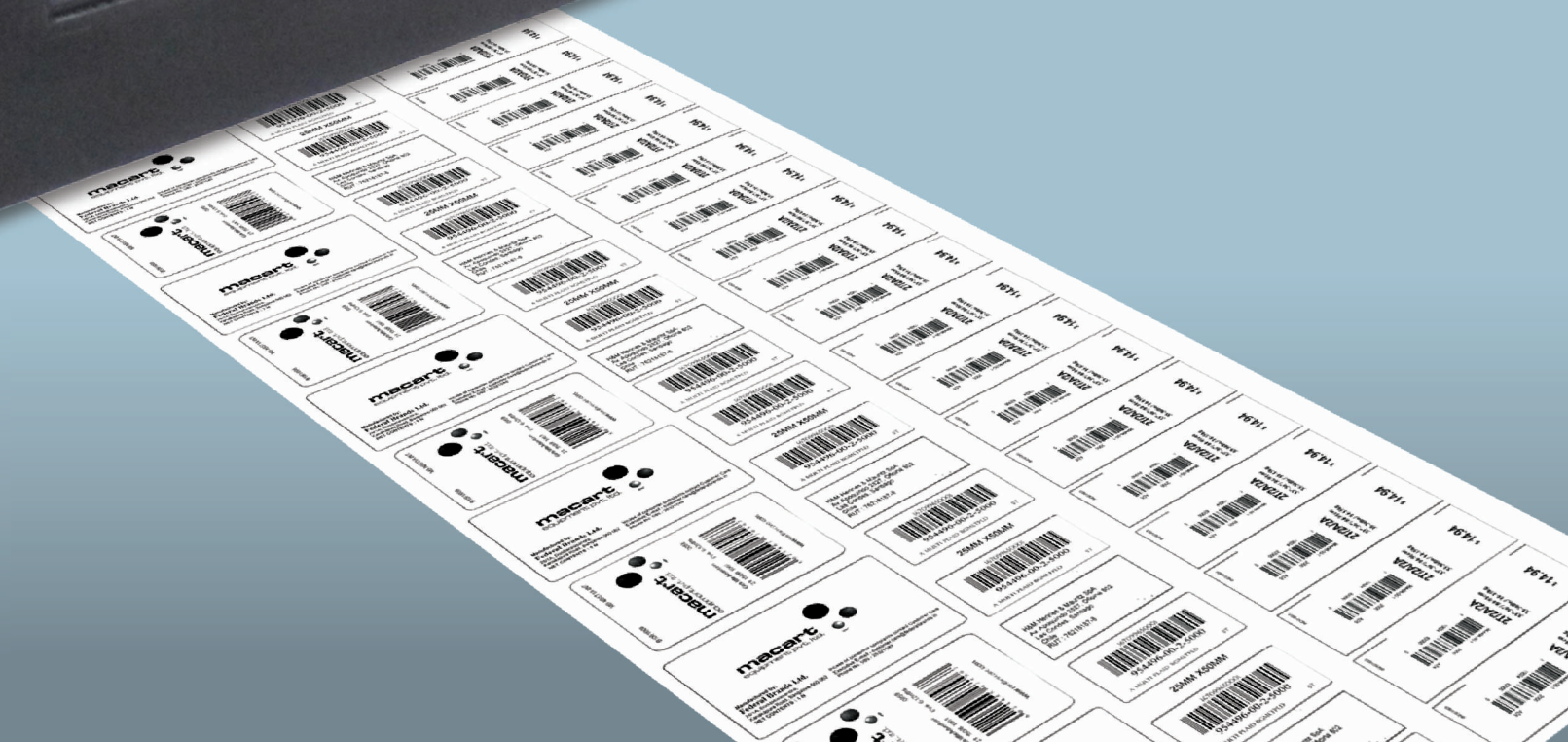




Variable Data Printing



VDJET

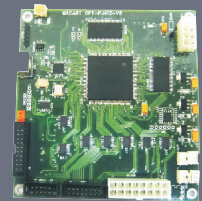
VD-JET



■ Variable Data Printing

Variable-data printing (VDP) is a form of digital printing, including on-demand printing, in which elements such as text, graphics and images may be changed from one printed piece to the next, without stopping or slowing down the printing process and using information from a database or external file. For example, a set of personalized letters, each with the same basic layout, can be printed with a different name and address on each letter. Variable data printing is mainly used for marketing, advertising, invoicing and applying addresses on self-mailer, brochures or postcard campaigns.

We provide Variable Data Printing Solutions assuring that the prints are personalized, relevant, cost-effective thus yielding high customer response.

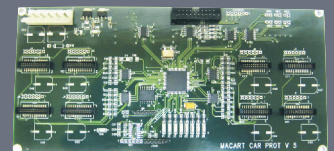


Mother Board

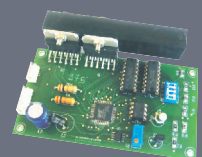
■ The VD-Jet advantage

The VD-Jet is the perfect solution for turning your existing press into a hybrid digital press. This printer offers a great value for commercial printers, label printers and direct mailing companies looking for a variable inkjet printing on a wide array of substrates.

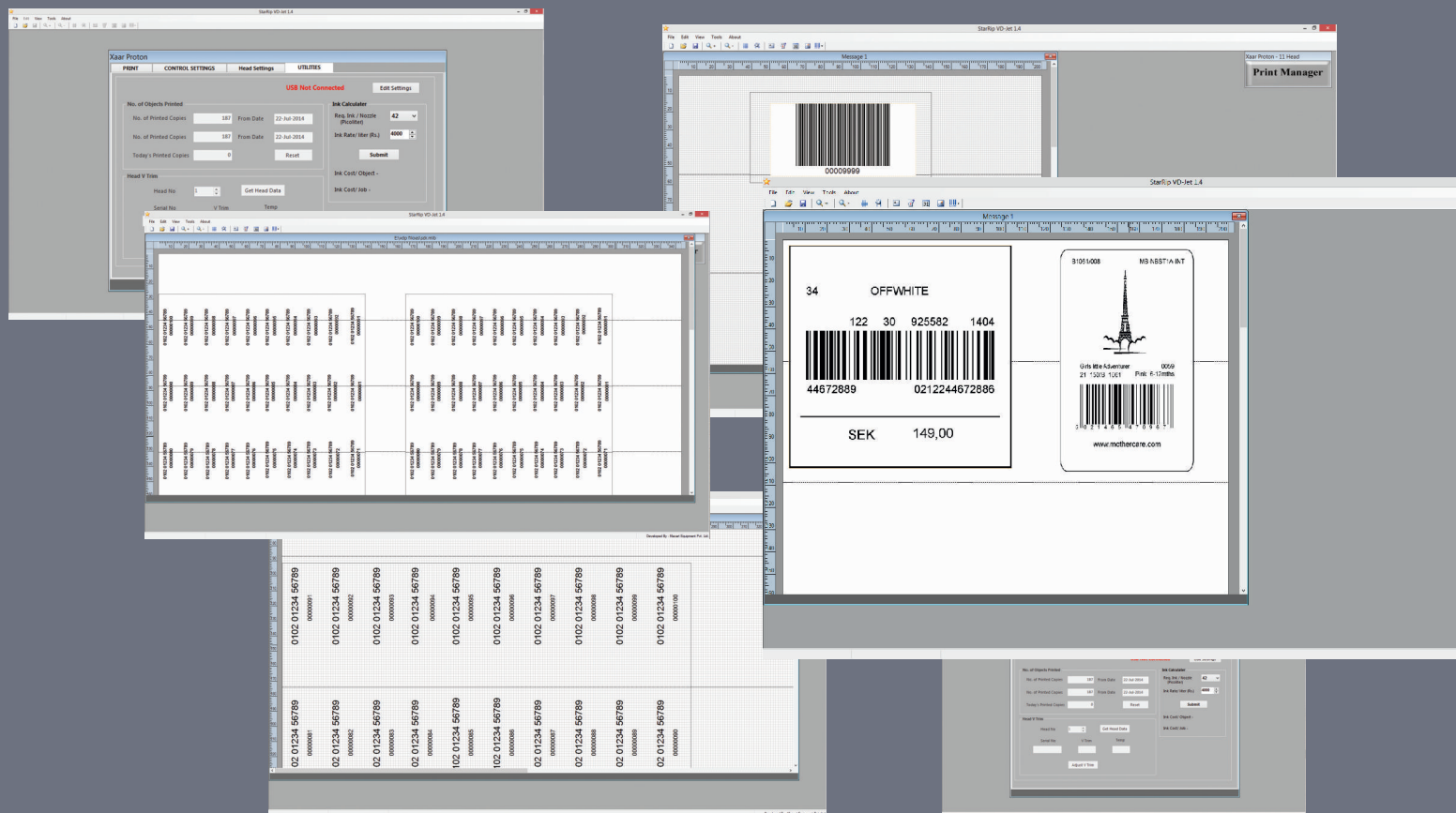
- Prints on craft paper and corrugated sheets with water based or oil based ink.
- Prints on coated and non coated sheets with UV ink
- Print width scalable from 0.6" to 24"
- Sharp and crisp text printed with 720 dpi quality
- RIP software with inbuilt control panel minimizing the layout time
- Modular components are operator replaceable
- Easy to maintain by operator
- Color capability



Head Carriage Board



Motor Driver Board



Software Features

- Extremely user friendly software and very fast
- Simpler but efficient image editing tool
- Control panel contains all the functions
- Customization of software to control user's machine functions e.g.: motor control, feeder control etc
- Ink calculator

System Requirements

- Windows 7 or 8 - 64 bit based PC with i7 processor, 500 GB HDD, 8 GB RAM, USB2.0 and USB 3.0
- Online UPS
- Room Temperature from 20 degree Celsius to 27 degree Celsius

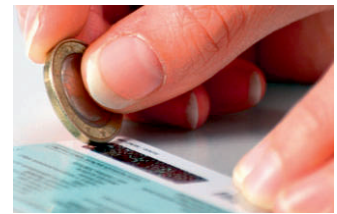
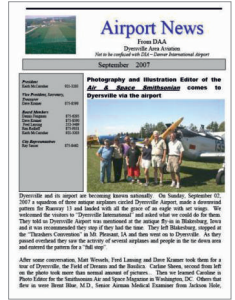
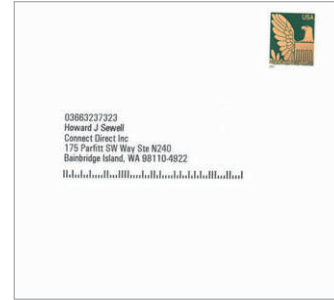
Technical Specifications

- Technology: Piezo
- Print Head: Konica Minolta KM 1024, Xaar Proton, XJ128, Seiko 510, Kyocera
- Max no of Print Head: 12
- Print width: 0.6 inch to 24 inch
- Resolution (dpi): 720 x 360, 360 x 180
- Drop Volume: 14 pl, 35pl, 42pl, 60 pl
- Speed – 20 meters/min to 300 meters/min
- Ink: Oil based, Water based and UV
- Ink Delivery Bulk System: 1 liter to 5 liter capacity
- Media for Oil/Water based Ink: Paper, Craft Paper, Corrugated sheets and box
- Power Requirements: 110 to 240 VAC, 50-60 Hz Supply

Applications

- Tickets
- Tags
- Labels
- Direct Mail Addressing
- Forms Printing
- Ballots
- Newspaper Imprinting
- Packaging
- Security Printing
- Scratch Cards
- Bills
- Personalized Letters
- News Letters

VDJET



VD-Jet Flexibility

Custom Solutions

Let our Macart's 16 years of industry proven experience give you the competitive edge by providing a turnkey system designed specifically for your printing applications. Customized software programming can be done by Macart's highly expert engineering R&D team.

Addressing versatility with various Print Heads and inks

The VD-jet addresses the capability of inkjet printing on a wide range of papers and various substrates at high resolution. The system can be easily mounted to an existing system and configured as a complete turnkey system. There are significant savings on the ink cost with the use of Macart's VD-Jet.

VD-Jet Flexibility

Features

- 720 dpi across the head (720 x 360 dpi, 360 x 180 dpi)
- 0.6 inches to 24 inches print width flexibility
- Bulk Ink system
- Variable drop size for improved barcode readability
- UV curable, water based and oil based ink usage
- Internal heaters minimize the impact of external temperature changes
- Unique ink supply design providing stability of ink supply



■ About Macart

Macart Equipment Pvt. Ltd. is India's only inkjet printer manufacturing company based in Pune. We have a highly equipped and modern R&D center in Pune where we design high quality inkjet printers for sign industry and other industrial applications. We have a Sales & Service network throughout India and now we are expanding our sales and service network all over the world. MEPL has supplied thousands of printers to various print houses, industries, advt. agencies, sign makers and OEM's who have made huge profits using our equipment and have proved the capability and quality of our equipment.

■ Demonstration Lab

Macart and you can work together to help qualify the best inkjet solution for your requirements and your unique application. Send us your stock and our technicians can run your material at our Demo lab. You will be confident that our ink and print technology meet your demands for speed, print quality, uptime and low maintenance.

■ Macart R&D House:

MEPL is involved in providing technology services mainly in the inkjet printing products and also for VLSI based applications. Macart has developed several products related to inkjet printing and is working extensively on many new inkjet technologies. Our research team is highly technically qualified with the perfect blend of mechanical, electronics and software teams working together and ready to take over very challenging research and development work. We provide our OEM's with complete solutions for manufacturing of large format printers and other industrial inkjet printers.



macart
equipment pvt. ltd.

