

DECOJET



macart



www.macartworld.com



ABOUT US

MACART EQUIPMENT PVT LTD. (MEPL) is a professionally managed company established in 2000 by Mr. Atul Gandhi, having its headquarter in Pune, India and currently have 2 manufacturing units in Pune.

MEPL is the only InkJet equipment manufacturing company in India. We have modern R&D center in Pune where we design high quality inkjet printers for sign industry and other industrial applications. We have Sales Service network throughout India with more than fifty qualified engineers and now we are expanding our sales and service network all over the world. MEPL has supplied thousands of printers to various print houses, advt agencies and sign makers who have made huge profits using our equipments and have proved the capability and quality of our equipments.



MEPL with its primary focus on Digital Printing Equipment Development and Manufacturing is a conglomerate of the following 3 independent Strategic Business Units:

- Products Division
- Technology Services/Product development
- Trading

PRODUCT DIVISION

This division is involved in manufacturing of large format solvent based printers and Industrial Coding and Marking Printers mainly based on Xaar Print heads from UK. MEPL is the leader in India in manufacturing and in sales. MEPL is the only company in India to develop complete electronics for the printer including the new powerful Star Raster Image Processor (RIP) software.

TECHNOLOGY SERVICES / PRODUCT DEVELOPMENT

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 on many new inkjet technologies. Our Research team is highly technically qualified and is ready to take 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.

TRADING

This division deals in solvent & UV Inks.



Applications



HEAVY DUTY ROLL FEED



DOOR



WALLPAPER



Specifications

Printing Technology:	Peizo Drop on Demand Electric Inkjet, 4 color of Cyan, Magenta, Yellow & Black
Resolution:	Maximum 1440
Colors:	Maximum 16.7 million colors
Speed:	
KM512i 4 head:	1000sqft/hr in 2 Pass, 800 sqft/hr in 3 Pass
KM512 4 head:	500sqft/hr 2 Pass, 350 sqft/hr in 3 Pass
Software:	Star Rip Image Processor
Media Width:	5 2"
Print Width:	4 8"
Media Type:	Laminate Paper, Wall Paper, Flex , Backlit Flex, Vinyl, Clear Vinyl, Canvas
Ink:	Pigment based Solvent Inks
Interface:	USB 2.0
Power Requirement:	250 VAC, 50 Hz, Single phase
Power Consumption:	Max 350 W
Machine Heater:	Max 600 W
Laptop Tray:	Optional
Operating Temperatures:	22 °C to 28 °C

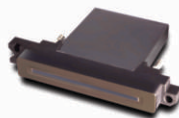


Features

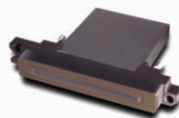
- Very High speed & High Quality Printing with advanced Macart electronics and Macart's Star RIP software.
- **Low noise linear bearing with new advanced caged bearing blocks.**
- **Powerful AC servo motor for high speed carriage motion.**
- **DC servo for Media motion.**
- Powerful media griper for precise media displacement,
- Controlled media suction for accurate printing.
- Two zone media heating-Pre & amp; Post.
- Two fan channels for faster drying of print for KM512i & one for KM 512.
- Dual control panel - software and printer.
- LED light illuminated printing area.
- Enhanced colors by advance Rip software.
- Easy media roll loading from bottom.
- Heavy duty roll feed for paper roll up to 200kg.
- Gravity ink feeding.
- Teflon ink tubing for life upto 20 yrs & amp; long head life.
- Hard aluminum alloy timing pulleys for long life.
- German belts.
- Macart manufactured cable drag chain for smooth and long life.
- Extremely low power consumption.
- Power failure printing continuation function.
- Many ICC color profiles available for various media's
- Solvent resistant paint.
- Very Compact Body.
- More than 70% Aluminum body for very long life.
- Made in India Electronics, easy to maintain and repair.

Manufacturer :

macart
equipment pvt. ltd.



KM 1024 - head



KM 512i - head



KM 512 - head



Digital Inks

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