

Thermal Inkjet Printer

Reliable, zero-maintenance and breakdown-free. The ideal solution for high-resolution printing.



TIJ Bhima



TIJ Kaveri

Virtually Maintenance-Free
with Near 100% Uptime

Android-based system with high-speed
printing and scannable barcode capabilities.

Effortlessly integrates with external devices like
weighing scales, PCs, and external software to
enhance operational efficiency as per
Industry 4.0 standards

Call for Demo
+91 80974 66782



Scan the code to find
more about TIJ Printer

Follow us -

f /controlprintindia

in /control-print-ltd

tw /controlprintltd

globe /controlprint.com

Our Most Cost-Effective Printer

Cartridge-based technology keeps costs under control and within budget

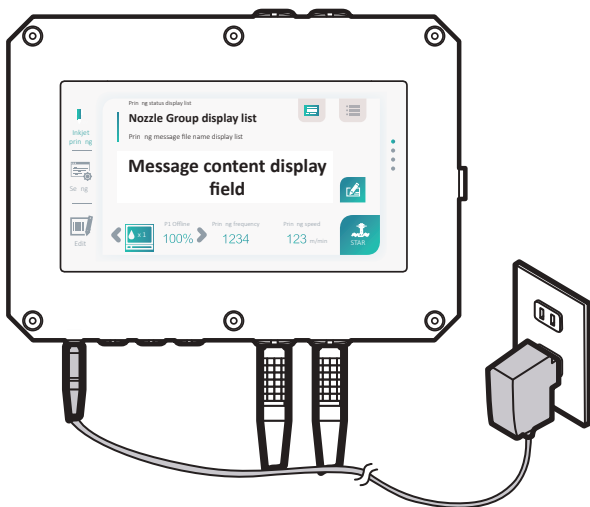
The Control Print TIJ is a simple, maintenance free printer based on the Thermal Inkjet Technology suitable for a variety of basic & advanced coding applications such as Date, Price, Batch, Linear & Datamatrix Barcodes and Predefined Logos across the Pharmaceutical, Food, Packaged Goods, Beverage & Liquor, FMCG Industry and Publishing Houses with seamless integration. Also, capable of seamless integration with external devices such as weighing scales, PCs, SAP, and other external software.

The TIJ printer can be easily integrated across a wide gamut of production lines and is suitable for printing onto all porous materials and non-porous materials.



Uptime & Maintenance

- ✓ Cartridge replacement leads to the de facto replacement of the printhead and ink delivery system
- ✓ Since the time between replacement of cartridges is short, in effect the printer is always using a new printhead and ink delivery system leading to the highest performance levels
- ✓ Zero downtime, in case of any issues cartridge can be replaced in a few seconds
- ✓ No printhead cleaning, filter replacements or any other maintenance requirements
- ✓ No startup / shutdown or long shutdown procedures to follow



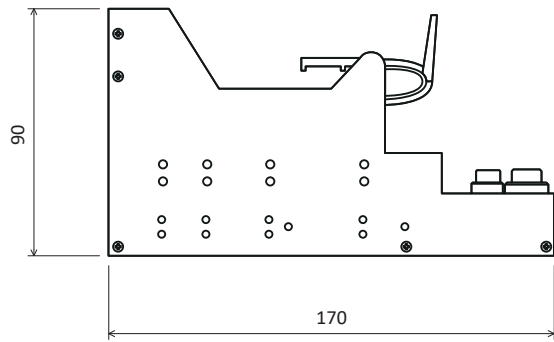
Excellent print quality and capabilities

Simple, intuitive operation

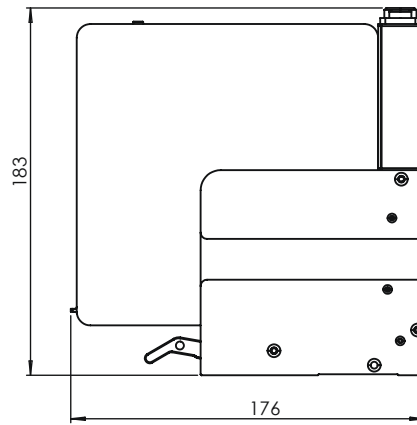
- ✓ User friendly, 7 inch touchscreen color display with WYSIWYG graphical interface
- ✓ Automatic Error Diagnostics for cautions and easy troubleshooting
- ✓ User Profile Manager with multiple levels of access
- ✓ Minimal operator training and online support available 24x7 from our service center
- ✓ Access levels can be defined to ensure safe handling
- ✓ Error log features

- ✓ High quality upto 600 dpi (dots per inch) maximum print resolution
- ✓ Standard printing functions include Linear Barcodes, Data Matrix Codes, OR Codes, Automatic Date & Time Functions, Numbering, Graphics and Logos
- ✓ Speed upto 128 meters per minute at high resolutions
- ✓ Ink Range - Aqueous and Solvent
- ✓ Ink Colors - Black, Red and Blue available in Aqueous and Black, Yellow, Red, White and Blue available in Solvent
- ✓ Cartridges with 45ml & 230ml
- ✓ Longer shelf life
- ✓ Cartridges available in variety of colours on demand

Nozzle Module Dimension Drawings



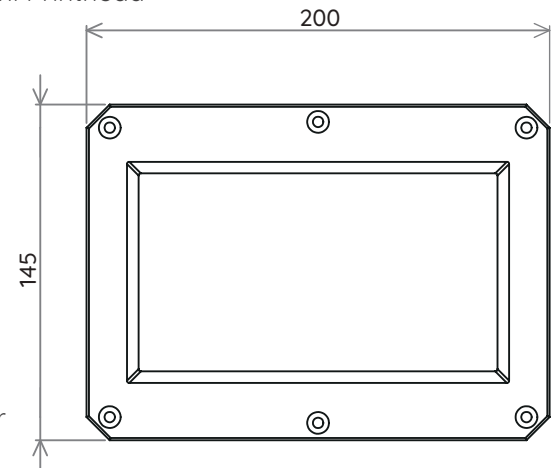
Kaveri 45ml Printhead



Bhima 230ml Printhead

Flexibility, Communication & Integration

- ☑ Easy to setup and integrate onto almost any production line
- ☑ Compact footprint and small printhead size
- ☑ Various I/O function / RS 485 communication ports
- ☑ Hypertext, logos predefined
- ☑ Internal Product Sensor
- ☑ One controller can manage up to 4 heads



Controller

Technical Specification

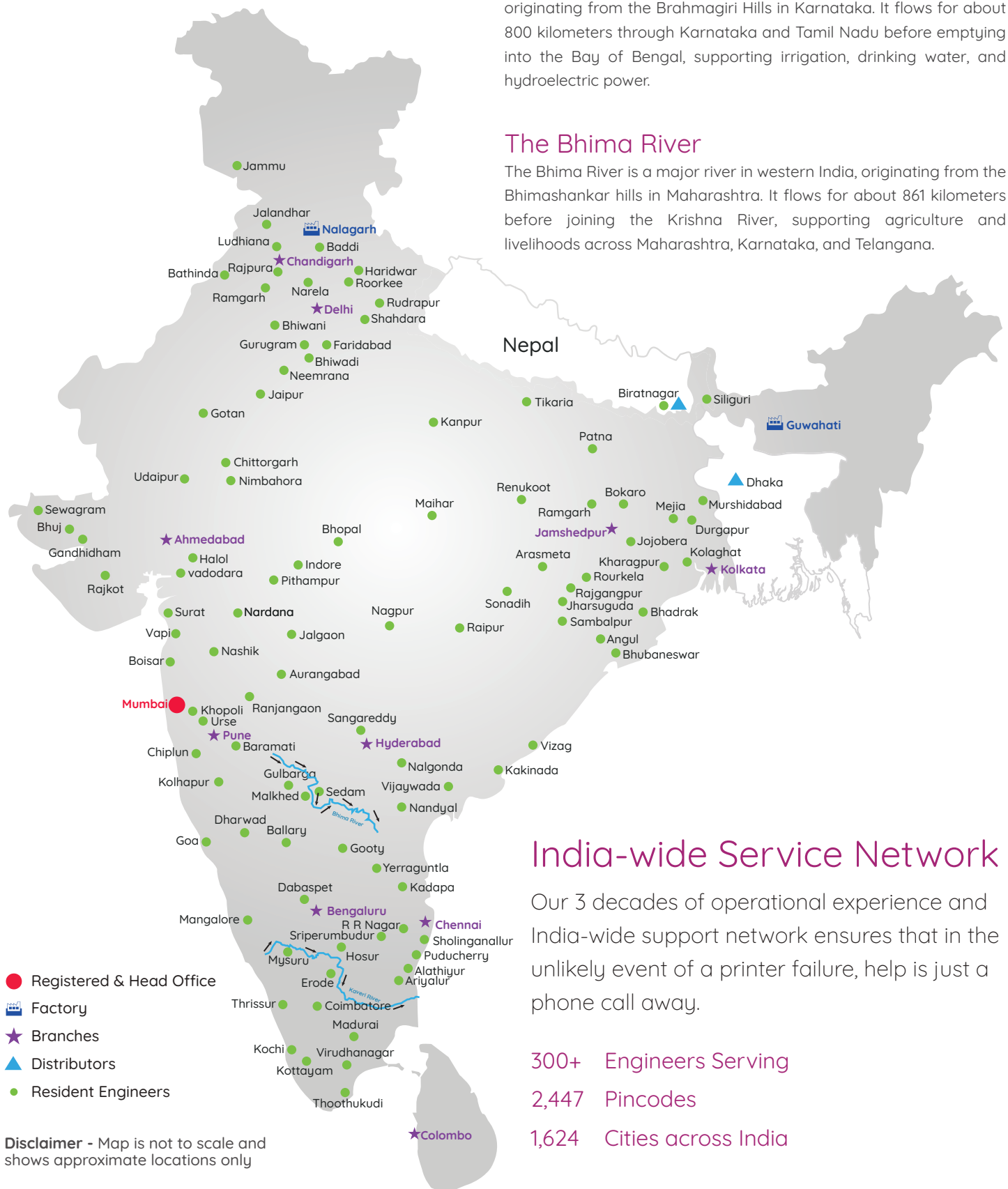
CONTROLLER	KAVERI 45ML	BHIMA ½" 230 ML	BHIMA 1" 230 ML
Standard Finish	Anodized Aluminium Black & Blue	Anodized Aluminium Black & Blue	Anodized Aluminium Black & Blue
Dimension	200 mm X 145 mm X 40 mm	200 mm X 145 mm X 40 mm	200 mm X 145 mm X 40 mm
Display	7" TFT LCD	7" TFT LCD	7" TFT LCD
Weight	1kg (2.20 lbs)	1kg (2.20 lbs)	1kg (2.20 lbs)
Terminal Degree of Protection	IP 64	IP 64	IP 64
PRINT HEAD			
Standard Finish	Aluminium Black & Blue Anodized	Aluminium Black & Blue Anodized	Aluminium Black & Blue Anodized
Dimension	157 mm x 105 mm x 27 mm	182 mm x 111 mm x 50 mm	182 mm x 111 mm x 50 mm
Weight	300 gram	600 Gram	600 Gram
Electrical Connection	92-260 VAC (50-60 HZ)	92-260 VAC (50-60 HZ)	92-260 VAC (50-60 HZ)
Relative Air Humidity	Up to 90% Non Condensing	Up to 90% Non Condensing	Up to 90% Non Condensing
Compressed Air Required	No	No	No
Temperature Range	0-50° C	0-50° C	0-50° C
HARDWARE			
Add on High Print Heads	Max 4	Max 4	Max 4
Spring Loaded Carton Follower	Optional	Optional	Optional
Top Coding Bracket & Floor Stand	01	01	01
External Product Sensor	Optional	Optional	Optional
External Encoder	Optional	Optional	Optional
Product Detector	Individual/Common	Individual/Common	Individual/Common
Communication Link	RS 485/LAN	RS 485/LAN	RS 485/LAN
PRINTING CAPABILITY			
Character Set	Full Alphanumeric and Special Symbols	Full Alphanumeric and Special Symbols	Full Alphanumeric and Special Symbols
Standard Font	Unicode Fonts	Unicode Fonts	Unicode Fonts
Logos Predefined	No Limit	No Limit	No Limit
Line Speeds	128 meter/min	128 meter/min	128 meter/min
External Message Selection	Yes (Through LAN)	Yes (Through LAN)	Yes (Through LAN)
Message Storage	Up to 200 Message	Up to 200 Message	Up to 200 Message
Printhead to Product Distance	Up to 10 mm	Up to 10 mm	Up to 10 mm
Character Height (Mix Matrix Font possible)	1.5 mm to 12.5 mm	1.5 mm to 12.5 mm	1.5 mm to 25.4 mm

The Kaveri River

The Kaveri River is one of the major rivers in southern India, originating from the Brahmagiri Hills in Karnataka. It flows for about 800 kilometers through Karnataka and Tamil Nadu before emptying into the Bay of Bengal, supporting irrigation, drinking water, and hydroelectric power.

The Bhima River

The Bhima River is a major river in western India, originating from the Bhimashankar hills in Maharashtra. It flows for about 861 kilometers before joining the Krishna River, supporting agriculture and livelihoods across Maharashtra, Karnataka, and Telangana.



India-wide Service Network

Our 3 decades of operational experience and India-wide support network ensures that in the unlikely event of a printer failure, help is just a phone call away.

300+ Engineers Serving

2,447 Pincodes

1,624 Cities across India

Disclaimer - Map is not to scale and shows approximate locations only

**CONTROL
PRINT**

C-106, Hind Saurashtra Industrial Estate, Andheri-Kurla Road, Marol Naka, Andheri (East), Mumbai 400 059
 ☎ +91 22 2859 9065 / 6693 8900 | ✉ marketing@controlprint.com | 🌐 www.controlprint.com

AHMEDABAD | BENGALURU | CHANDIGARH | CHENNAI | COLOMBO | DELHI | GUWAHATI | HYDERABAD
 JAMSHEDPUR | KERALA | KOLKATA | MUMBAI | NEPAL | PUNE

Control Print's policy is one of continued product improvement. We reserve the right to alter design and/or specifications without notice. | © Control Print Limited | All rights reserved.