

TIJ Godavari Thermal Inkjet Printer



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



Virtually Maintenance-Free
with Near 100% Uptime

Touchscreen with visual interface
for ease of use

Built-in product sensor for easy
installation and reliability

Call for Demo

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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, Logos and Graphics across the Pharmaceutical, Food, Packaged Goods, and Personal Care Industry.

The TIJ printer can be easily integrated across a wide gamut of production lines and is suitable for printing onto all porous materials and some 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
- ✓ Minimal downtime, in case of any issues cartridge can be replaced in 26 seconds
- ✓ No printhead cleaning, filter replacements or any other maintenance requirements
- ✓ No startup / shutdown or long shutdown procedures to follow



Simple, intuitive operation

- ✓ User friendly, 7" 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 specialized support required for operation & maintenance



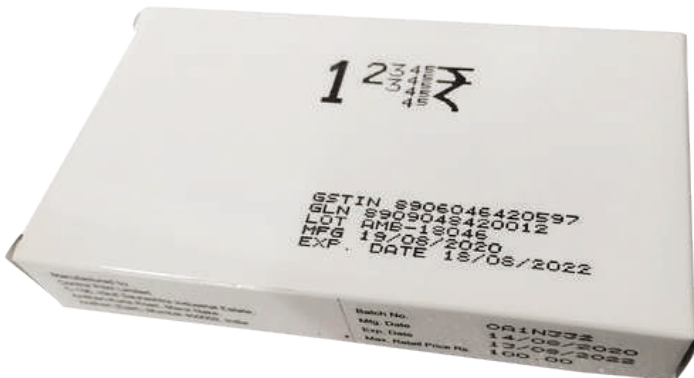
Excellent print quality and capabilities

- ✓ High quality 600 dpi (dots per inch) maximum print resolution
- ✓ 12.7mm print swathe per print head with 300 independent nozzles; 2 print heads give total print height of upto 25.4mm
- ✓ High speeds upto 60 meters per minute at high resolutions
- ✓ Ink Range - Aqueous and Solvent
- ✓ Ink Colors - Black, Red and Blue available in Aqueous and Black and Blue available in Solvent



Flexibility, Communication & Integration

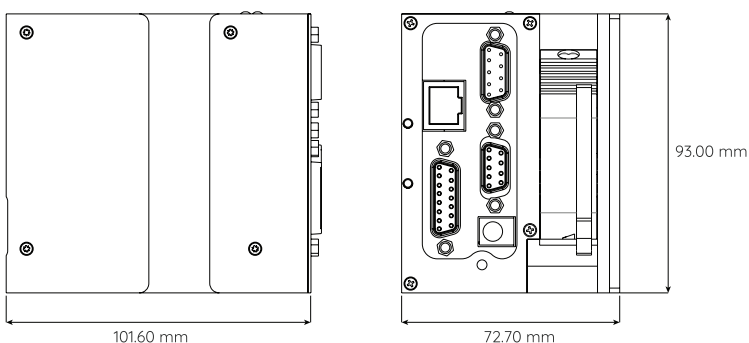
- ✓ Easy to setup and integrate onto almost any production line
- ✓ Compact footprint and small printhead size
- ✓ Various I/O function / Smart card & RS 485 port for communication
- ✓ Hypertext, logos and backup
- ✓ Internal Product Sensor
- ✓ Max. 8 head can be controlled by one controller through special hardware



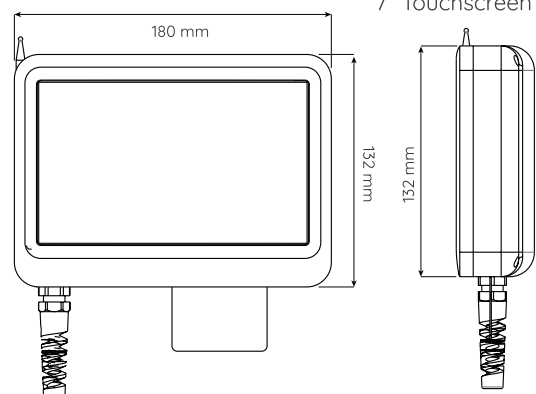
Technical Specification

CONTROLLER	
Standard Finish	Anodized Aluminium Black & Blue
Dimension	132 mm X 180 mm X 45 mm
Display	7" TFT LCD
Weight	1kg (2.20 lbs)
Terminal Degree of Protection	IP 64
PRINTER	
Standard Finish	Aluminium Black & Blue Anodized
Dimension	102 mm X 93 mm X 69 mm
Weight	670 gram (1.48 lbs)
Electrical Connection	92-260 VAC (50-60 HZ)
Relative Air Humidity	Up to 90% Non Condensing
Temperature Range	0-50° C
HARDWARE	
Add on High Regulation Print Head Modules	Max 8
Spring Loaded Carton Follower	Optional
Top Coding Bracket & Floor Stand	01
External Product Sensor	Optional
External Encoder	Optional
Product Detector	Internal / External
Communication Link	Various I/O Function / Smart Card
PRINTING CAPABILITY	
Character Set	Full Alphanumeric and Special Symbols
Standard Font	Dot Matrix
Logos	Max 26
Line Speeds	0-60 meter/min at high resolution
External Message Selection	Yes
Message Storage	Up to 200 Message
Printhead to Product Distance	Up to 10 mm
Character Height	1.5 mm to 12.5 mm (Mix Matrix Font possible)
No. of Lines	Capable to print 5 no. of lines

Printhead



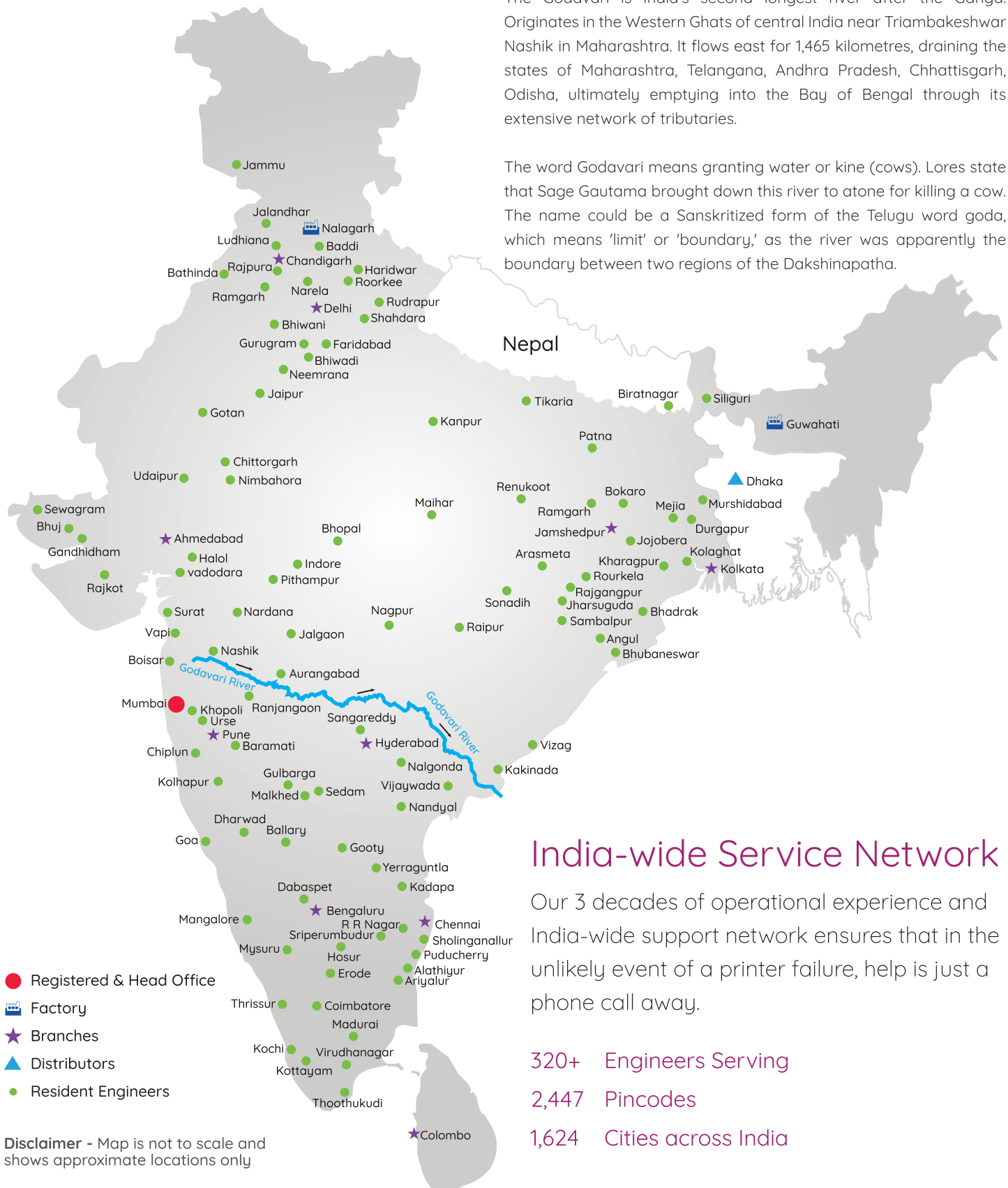
7" Touchscreen Display



The Godavari River

The Godavari is India's second longest river after the Ganga. Originates in the Western Ghats of central India near Triambakeshwar Nashik in Maharashtra. It flows east for 1,465 kilometres, draining the states of Maharashtra, Telangana, Andhra Pradesh, Chhattisgarh, Odisha, ultimately emptying into the Bay of Bengal through its extensive network of tributaries.

The word Godavari means granting water or kine (cows). Lores state that Sage Gautama brought down this river to atone for killing a cow. The name could be a Sanskritized form of the Telugu word goda, which means 'limit' or 'boundary,' as the river was apparently the boundary between two regions of the Dakshinapatha.



- Registered & Head Office
- 🏭 Factory
- ★ Branches
- ▲ Distributors
- Resident Engineers

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

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.

320+ Engineers Serving

2,447 Pincodes

1,624 Cities across India



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TIJ Narmada Thermal Inkjet Printer



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Virtually Maintenance-Free
with Near 100% Uptime

Touchscreen with visual interface
for ease of use

Built-in product sensor for easy
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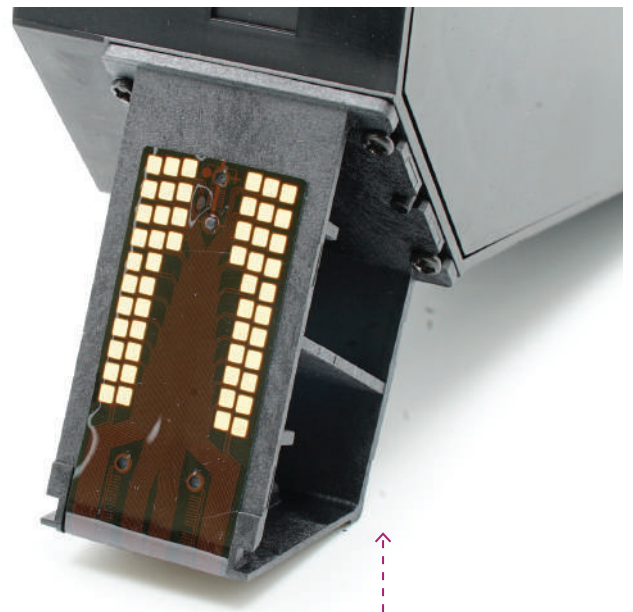
Uptime & Maintenance

- ✓ 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
- ✓ Minimal downtime, in case of any issues cartridge can be replaced in 26 seconds
- ✓ No printhead cleaning, filter replacements or any other maintenance requirements
- ✓ No startup / shutdown or long shutdown procedures to follow



Simple, intuitive operation

- ✓ User friendly, 7" 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 specialized support required for operation & maintenance



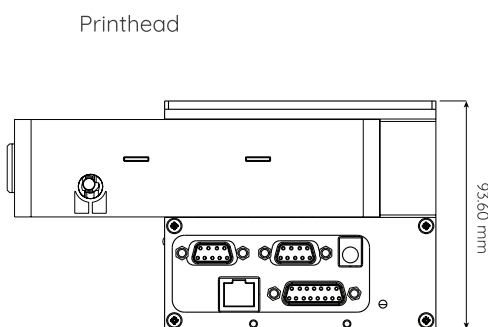
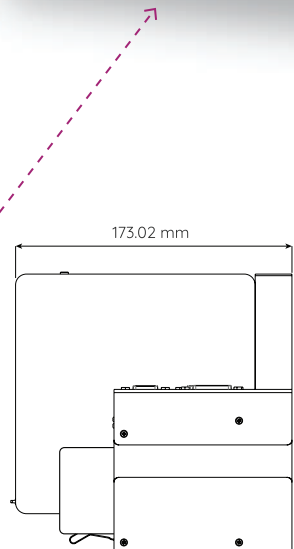
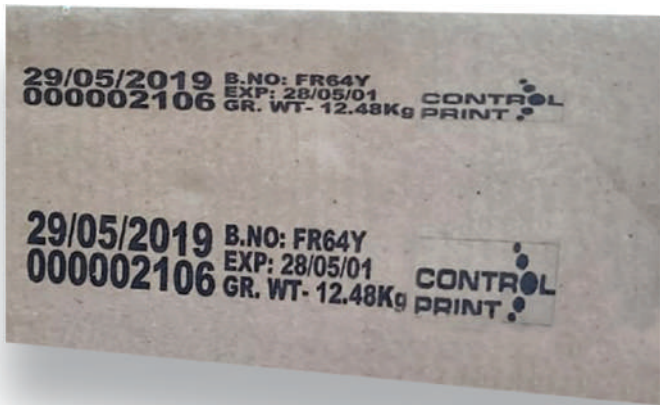
Excellent print quality and capabilities

- ✓ High quality 600 dpi (dots per inch) maximum print resolution
- ✓ 12.7mm (½" version) and 25.4mm (1" version) print swathe per print head with 300 independent nozzles
- ✓ High speeds upto 60 meters per minute at high resolutions
- ✓ Ink Range - Aqueous and Solvent
- ✓ Ink Colors - Black, Red and Blue available in Aqueous and Black and Blue available in Solvent
- ✓ Supports ½" version and 1" version of 230ml cartridges



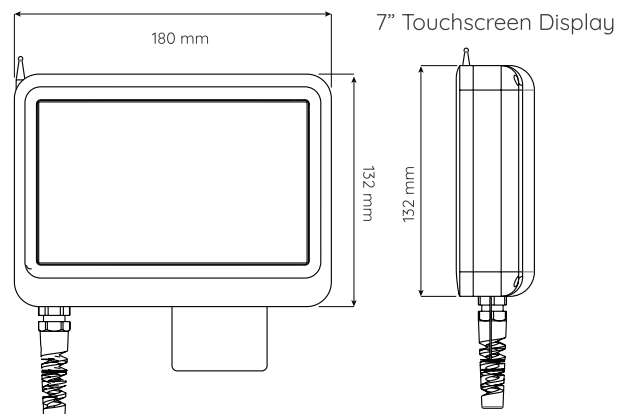
Flexibility, Communication & Integration

- ✓ Easy to setup and integrate onto almost any production line
- ✓ Compact footprint and small printhead size
- ✓ Various I/O function / Smart card & RS 485 port for communication
- ✓ Hypertext, logos and backup
- ✓ Internal Product Sensor
- ✓ Max. 8 head can be controlled by one controller through special hardware



Technical Specification

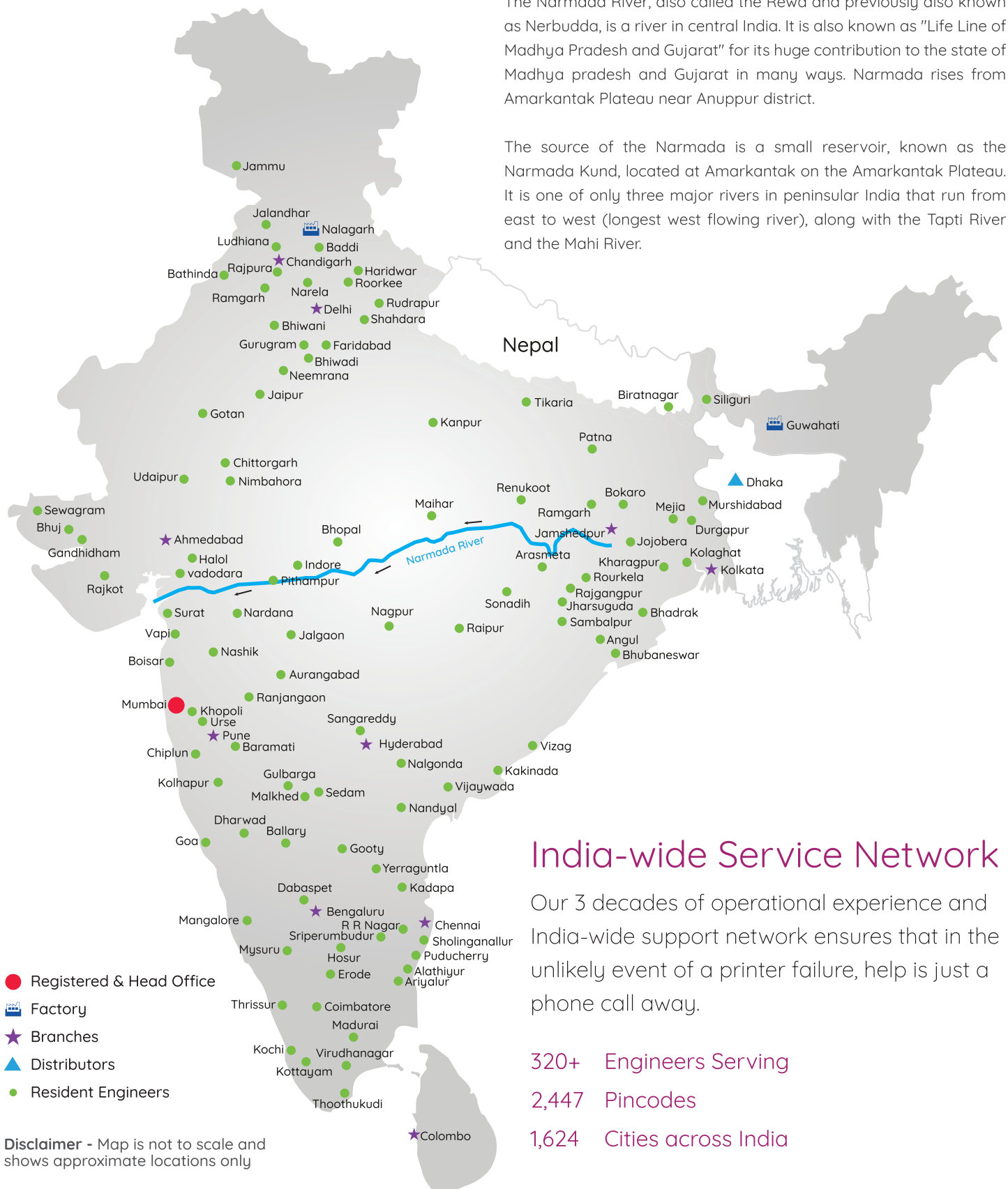
CONTROLLER	
Standard Finish	Anodized Aluminium Black & Blue
Dimension	132 mm X 180 mm X 45 mm
Display	7" TFT LCD
Weight	1.4kg (3.08 lbs)
Terminal Degree of Protection	IP 64
PRINTER	
Standard Finish	Aluminium Black & Blue Anodized
Dimension : Without Cartridge	95 mm x 110 mm x 120 mm
Dimension : With Cartridge	95 mm x 170 mm x 180 mm
Weight	1.5 kg (3.31 lbs)
Electrical Connection	92-260 VAC (50-60 HZ)
Relative Air Humidity	Up to 90% Non Condensing
Temperature Range	0-50° C
HARDWARE	
Add on High Regulation Print Head Modules	Max 8
Spring Loaded Carton Follower	Optional
Top Coding Bracket & Floor Stand	01
External Product Sensor	Optional
External Encoder	Optional
Product Detector	Internal / External
Communication Link	Various I/O Function
PRINTING CAPABILITY	
Character Set	Full Alphanumeric and Special Symbols
Standard Font	Dot Matrix
Logos	Max 26
Line Speeds	0-60 meter/min at high resolution
External Message Selection	Yes
Message Storage	Up to 200 Message
Printhead to Product Distance	Up to 10 mm
Character Height	1.5 mm to 12.7 mm
(Mix Matrix Font Possible)	1.5 mm to 25.4 mm
No. of Lines	Capable to print 5 no. of lines



The Narmada River

The Narmada River, also called the Rewa and previously also known as Nerbudda, is a river in central India. It is also known as "Life Line of Madhya Pradesh and Gujarat" for its huge contribution to the state of Madhya Pradesh and Gujarat in many ways. Narmada rises from Amarkantak Plateau near Anuppur district.

The source of the Narmada is a small reservoir, known as the Narmada Kund, located at Amarkantak on the Amarkantak Plateau. It is one of only three major rivers in peninsular India that run from east to west (longest west flowing river), along with the Tapi River and the Mahi River.



India-wide Service Network

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TIJ Sutlej Thermal Inkjet Printer



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Touchscreen with visual interface
for ease of use

Built-in product sensor for easy
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The TIJ printer can be easily integrated across a wide gamut of production lines and is suitable for printing onto all porous materials and some 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
- ✓ Minimal 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



Simple, intuitive operation

- ✓ User friendly, 7" 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 specialized support required for operation & maintenance



Excellent print quality and capabilities

- ✓ High quality 600 dpi (dots per inch) maximum print resolution
- ✓ 12.7mm print swathe per print head with 300 independent nozzles; 2 print heads give total print height of upto 25.4mm
- ✓ High speeds upto 60 meters per minute at high resolutions
- ✓ Ink Range - Aqueous and Solvent
- ✓ Ink Colors - Black, Red and Blue available in Aqueous and Solvent

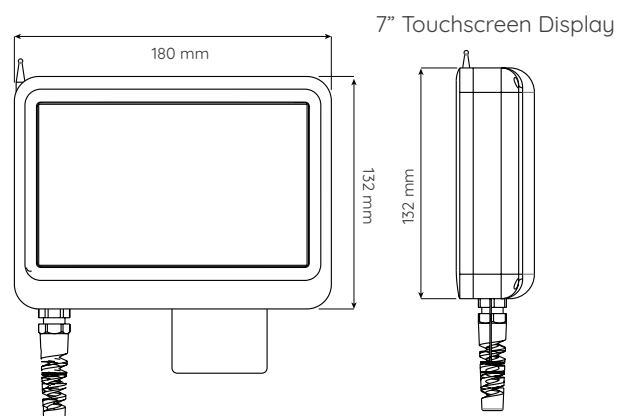
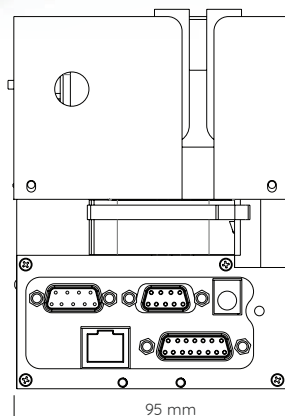
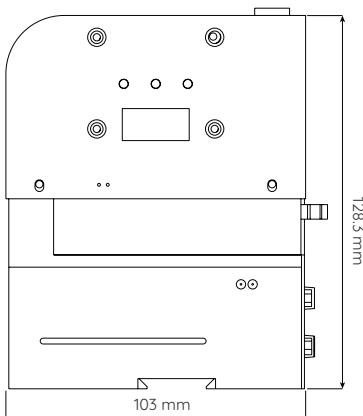


Flexibility, Communication & Integration

- ✓ Easy to setup and integrate onto almost any production line
- ✓ Compact footprint and small printhead size
- ✓ LAN / USB / Various I/O function / Smart card & RS 485 port for communication
- ✓ Graphics, Logos and more downloadable via custom programmed flash card media
- ✓ Internal Product Sensor
- ✓ Max. 4 head can be controlled through one controller

Technical Specification

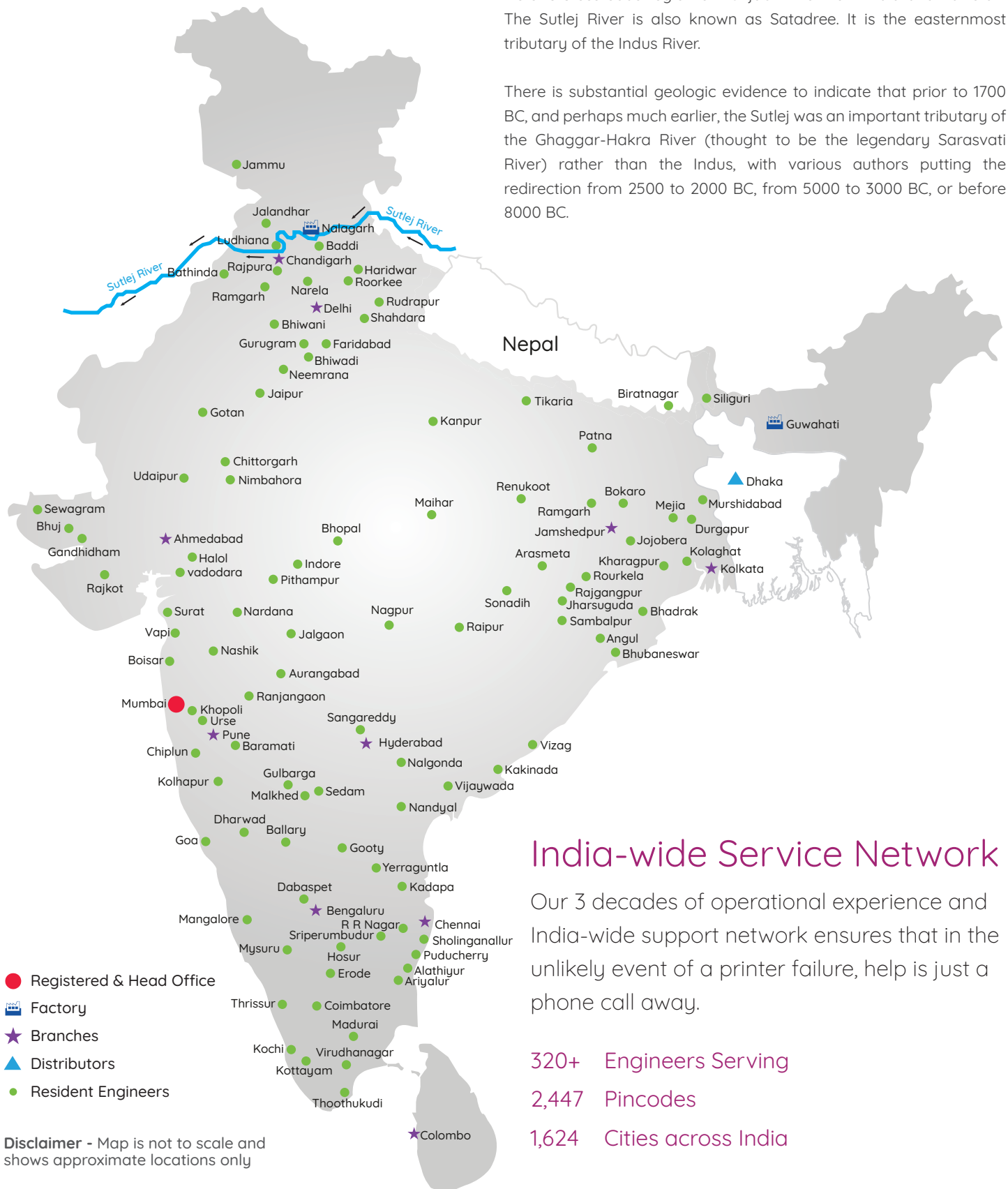
CONTROLLER	
Standard Finish	Anodized Aluminium Black & Blue
Dimension	132 mm X 180 mm X 45 mm
Display	7" TFT LCD
Weight	1kg (2.20 lbs)
Terminal Degree of Protection	IP 65
PRINTER	
Standard Finish	Aluminium Black & Blue Anodized
Dimension	102 mm X 93 mm X 69 mm
Weight	670 gram (1.48 lbs)
Electrical Connection	92-260 VAC (50-60 HZ)
Relative Air Humidity	Up to 90% Non Condensing
Compressed Air Required	No
Temperature Range	0-50° C
HARDWARE	
Add on High Regulation Print Head Modules	Max 2
Spring Loaded Carton Follower	Optional
Top Coding Bracket & Floor Stand	01
External Product Sensor	Optional
External Encoder	Optional
Product Detector	Internal / External
Communication Link	RS 485 / USB / LAN / Various I/O Function / Smart Card
PRINTING CAPABILITY	
Character Set	Full Alphanumeric and Special Symbols
Standard Font	Dot Matrix
Logos	Max 26
Line Speeds	0-60 meter/min at high resolution
External Message Selection	Yes
Message Storage	Up to 250 Message
Printhead to Product Distance	Up to ¼" (6.35 mm)
Character Height	1.5 mm to 12.5 mm
	(Mix Matrix Font possible)



The Sutlej River

The Sutlej River is the longest of the five rivers that flow through the historic crossroads region of Punjab in northern India and Pakistan. The Sutlej River is also known as Satadree. It is the easternmost tributary of the Indus River.

There is substantial geologic evidence to indicate that prior to 1700 BC, and perhaps much earlier, the Sutlej was an important tributary of the Ghaggar-Hakra River (thought to be the legendary Sarasvati River) rather than the Indus, with various authors putting the redirection from 2500 to 2000 BC, from 5000 to 3000 BC, or before 8000 BC.



India-wide Service Network

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TIJ Tapti Thermal Inkjet Printer



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with Near 100% Uptime

Touchscreen with visual interface
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Built-in product sensor for easy
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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
- ✓ Minimal downtime, in case of any issues cartridge can be replaced in 26 seconds
- ✓ No printhead cleaning, filter replacements or any other maintenance requirements
- ✓ No startup / shutdown or long shutdown procedures to follow



Simple, intuitive operation

- ✓ User friendly, 10.4" touchscreen color display with WYSIWYG Windows User Interface.
- ✓ Automatic Error Diagnostics for cautions and easy troubleshooting
- ✓ User Profile Manager with multiple levels of access
- ✓ Minimal operator training and specialized support required for operation & maintenance

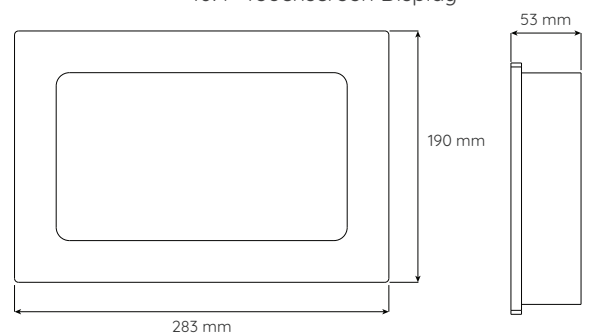


Excellent print quality and capabilities

- ✓ High quality 600 dpi (dots per inch) maximum print resolution
- ✓ 12.7mm print swathe per print head with 300 independent nozzles; 2 print heads give total print height of upto 25.4mm
- ✓ Standard printing functions include Linear Barcodes, Data Matrix Codes, QR Code, Automatic Date & Time Functions, Numbering, Graphics and Logos
- ✓ High speeds upto 60 meters per minute at high resolutions
- ✓ Ink Range - Aqueous and Solvent
- ✓ Ink Colors - Black, Red and Blue available in Aqueous and Black and Blue available in Solvent



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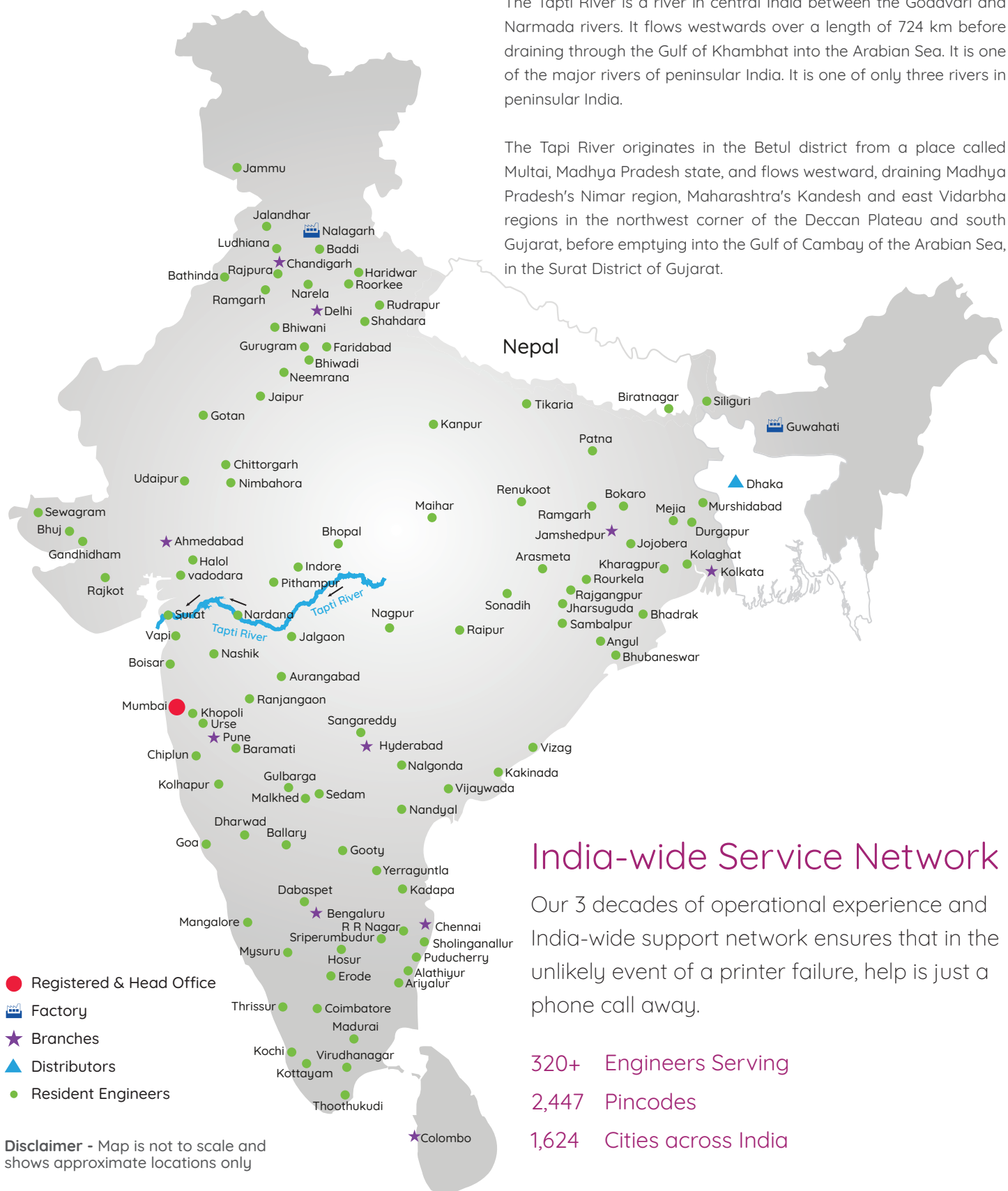


CONTROLLER	
Standard Finish	Anodized Aluminium Black & Blue
Dimension	376.5mm X 303.5mm X 53.0 mm
Display	10.4" TFT LCD
Weight	1.4kg (3.08 lbs)
Terminal Degree of Protection	IP 64 (Front)
PRINTER	
Standard Finish	Aluminium Black & Blue Anodized
Dimension	102 mm x 93 mm x 69 mm
Weight	670 gram (1.48 lbs)
Electrical Connection	92-260 VAC (50-60 HZ)
Relative Air Humidity	Up to 90% Non Condensing
Temperature Range	0-50° C
HARDWARE	
Add on High Regulation Print Head Modules	Max 16
Spring Loaded Carton Follower	Optional
Top Coding Bracket & Floor Stand	01
External Product Sensor	Optional
External Encoder	Optional
Product Detector	Internal / External
Communication Link	RS 485 / USB / LAN / Various I/O Function
PRINTING CAPABILITY	
Character Set	Full Alphanumeric and Special Symbols
Standard Font	Unicode Fonts
Logos	Unlimited / JPEG / BMP
Line Speeds	0-60 meter/min at high resolution
External Message Selection	Yes (Through BCD / LAN)
Message Storage	Up to 200 Message per file upto 10 GB storage
Printhead to Product Distance	Up to 10 mm
Character Height (Mix Matrix Font Possible)	45ml - 1.5 mm to 12.7 mm
No. of Lines	Capable of printing upto 20 lines and easily readable upto 10 lines

The Tapti River

The Tapti River is a river in central India between the Godavari and Narmada rivers. It flows westwards over a length of 724 km before draining through the Gulf of Khambhat into the Arabian Sea. It is one of the major rivers of peninsular India. It is one of only three rivers in peninsular India.

The Tapi River originates in the Betul district from a place called Multai, Madhya Pradesh state, and flows westward, draining Madhya Pradesh's Nimar region, Maharashtra's Kandesh and east Vidarbha regions in the northwest corner of the Deccan Plateau and south Gujarat, before emptying into the Gulf of Cambay of the Arabian Sea, in the Surat District of Gujarat.



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