PENCH
Continuous InkJet Printer

Versatile and cost-effective coding solution suitable for nearly every application.

CONTROL PRINT

Industrial Top Athlete -
Maximum Performance

- -

Lowest Running Costs

- -

Lowest Maintenance Effort

Call for Demo
+91 80974 66782

Scan the code to find
more about CIJ Printer

The Next Generation Printer for Several Coding Needs

Using world-class technology, the Pench is built keeping the Indian factories in mind
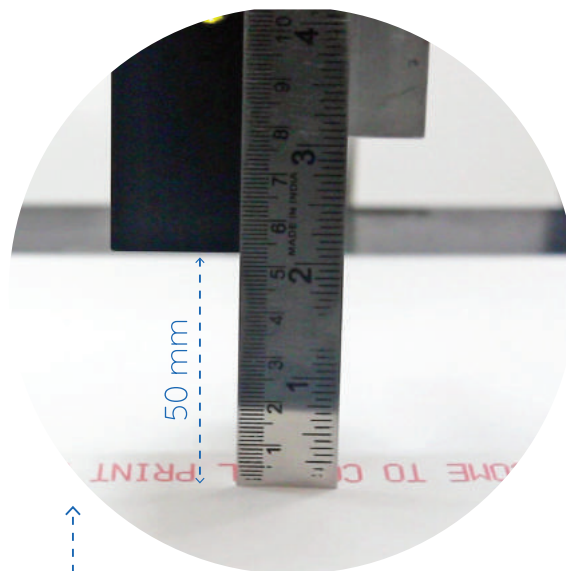
The Control Print Pench is a Continuous Inkjet Printers based on a non-contact precision marking technology.

Its ability to handle an entire range of high-performance inks makes this solution the most versatile coding technology. Suitable for an entire range of variable data coding applications. Possibilities include the application of Dates, Logos, Barcodes, Lot Numbers, Longer Texts, Graphics and Pricing information.

Reliability

- ⊘ Fully stainless steel design and IP65 protection class
- ⊘ Dual PTFE based, medical device grade brush-less diaphragm pumps, for pressure and suction
- ⊘ Visual ink jet monitoring through an integrated stroboscopic magnifying glass
- ⊘ Only five valves in the entire system
- ⊘ Periodical ink care cycles for pigmented inks even when the printer is in Off state
- ⊘ Auto flush protection for safe shutdown and smooth restart

50 mm

Print Quality & Features

- ⊘ Industry-leading 50 mm throw distance
- ⊘ Speeds of up to 700 meters per minute
- ⊘ Possibility to print 4 lines with industry-leading vertical resolutions of 32 Pixels
- ⊘ Print in any line configuration, and even on curved irregular print surfaces
- ⊘ As a standard feature allows to code in any language including foreign & local Indian languages
- ⊘ Solvent flushing of Nozzle and Return Line in every shutdown and smooth start up is guaranteed
- ⊘ The display shows the actual quantity of consumables in the system
- ⊘ Next maintenance duration is visible on the display
- ⊘ Shutter protection to safeguard Nozzle and Ink lines from environmental exposure

Ease of Use

- ⊘ Solvent Resistant TFT Touch screen with Graphic User Interface
- ⊘ What-you-see-is-what-you-get (WYSIWYG) interface helps to reduce the operational errors
- ⊘ Selection of local and foreign languages for the touchscreen interface
- ⊘ Automatic error diagnostics for cautions and easy troubleshooting
- ⊘ User profile manager with multiple levels of access

Technical Specification

Display	8" TFT-Touchscreen Display (800X600 Pixel Resolution)
Housing Material	Stainless Steel
Protection Class	IP 65
Dimensions of Unit	592 x 320 x 320 mm incl. of terminal
Housing Weight	23 Kgs
Dimension of Print head	190 x 47 x 40 mm
Length of print head supply line	3 meter (optional 4m or 6m)
Electrical Connection	110 - 230 V, ± 10 %; 1-0.5 A
Operating Temperature	+ 5° to + 45° C; Relative Humidity Max. 90%, Non-condensing
Operation	8" TFT Touchscreen Display Glove Operable; Code-M Software
Compressed air required	No
Number of print heads	1
Interfaces	Ethernet, RS232, USB, Alarm Relay (Potential Free), Digital I/O Port (8 inputs / 4 outputs), 2x Product Sensor / Encoder, Remote Connection, Optional Signal Pole
Nozzle Size	62μm
Print Height	32 Dots Maximum
Ink Variety	Standard, High Contrast, Special
Print Speed (Maximum)	Up to 700 meter/min
Print Speed	Up to 390 meter/min with 2.5mm character width (Depending on size, content and material this may vary speed of coding)
Alarm output	Yes
Switchover of text via IO port	Yes
Ink Circulation / Stirrer	Yes, for Pigmented inks
Print head excess pressure term	Optional
Revolutionary Nozzle anti clogging system	Yes
Make up Recovery System	No
Print head Clearance	1 – 50 mm
Font Size	0.8 – 20 mm
Number of print lines	Up to 5 Lines of 5x5 matrix (Standard)
Print resolution	32 dots, better resolution (Standard)
Tower print	5 x 5 (other sizes available)
90 deg printing	Yes
Distance measurement	Optional
Customer – Specific programs	Yes
Job Functions	Print Labels for different SKU with its respective print settings can be saved as Job function
Software	Simple Text Creation, Automatic Time and Date Functions, Counter (Freely Configurable with Auto-Stop Function), Text List Processing, Shift Marking, Barcodes, Data Matrix Codes, QR Code, Dot Code, Logos, True Type Fonts, Unicode, International Character Sets, Automatic Diagnosis as Plain Text with Categorization, Print Preview WYSIWYG Display, Consumable Status

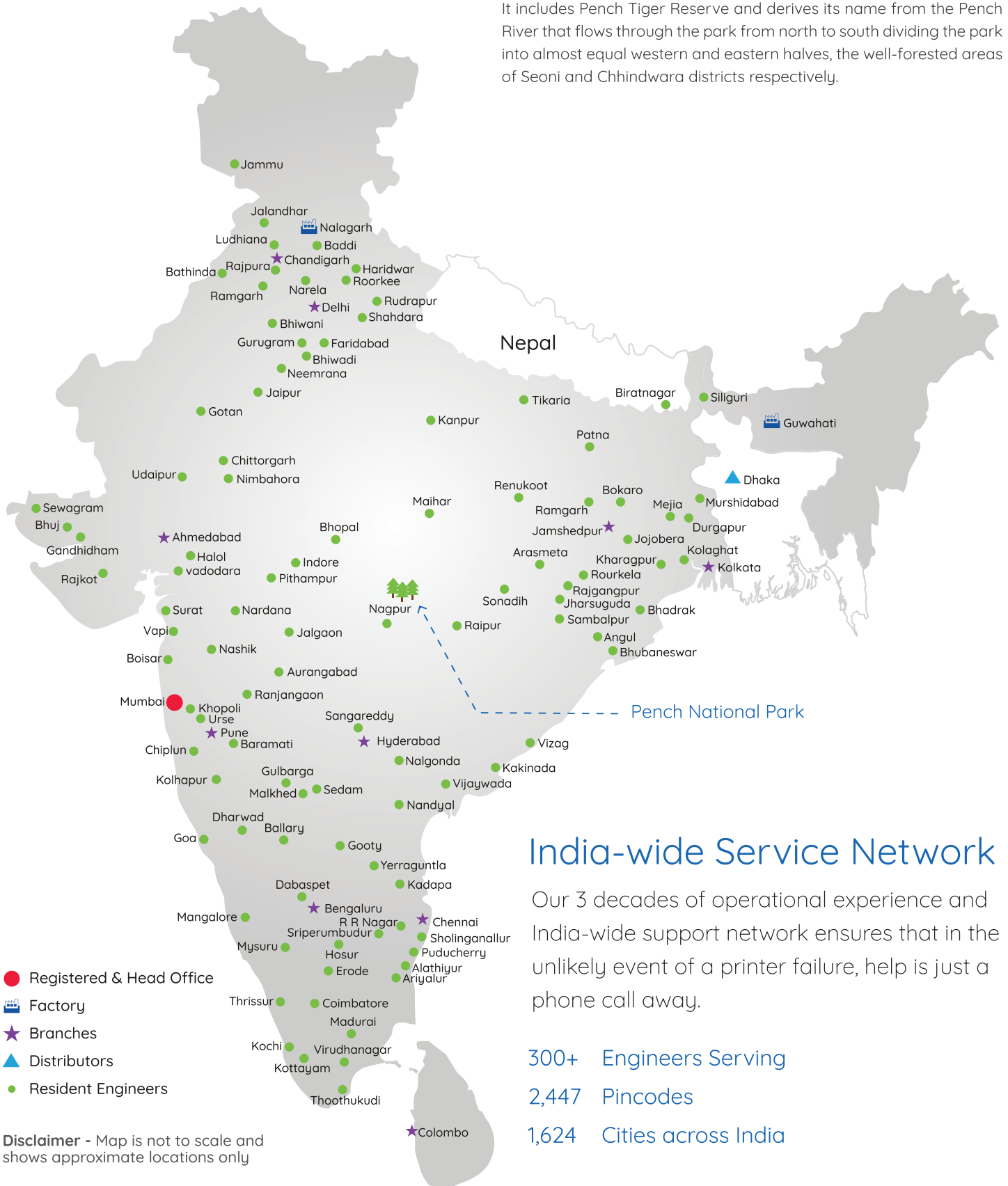## Flexibility, Communication & Integration

- ⊘ Compact footprint and small printhead size

- ⊘ LAN / USB / RS 232 (optional) port for communication

- ⊘ Network capable through a wireless adapter

- ⊘ Digital I/O port with 8 inputs and 4 outputs

- ⊘ 4 colour signal beacon - optional

- ⊘ Remote socket

- ⊘ Potential free programmable alarm relay

- ⊘ Inbuilt software capability for direct communication with camera or Datamatrix barcode a camera scanner, database access, or other require-ments

Pench National Park

The Pench National Park is a national park in India's Madhya Pradesh state, established in 1975 with an area of 257.26 km2 (99.33 sq mi).[1] It includes Pench Tiger Reserve and derives its name from the Pench River that flows through the park from north to south dividing the park into almost equal western and eastern halves, the well-forested areas of Seoni and Chhindwara districts respectively.

Nepal

Pench National Park

Map Labels

Jammu, Jalandhar, Nalagarh, Ludhiana, Baddi, Bathinda, Rajpura, Chandigarh, Haridwar, Roorkee, Ramgarh, Narela, Rudrapur, Delhi, Shahdara, Bhiwani, Gurugram, Faridabad, Bhiwadi, Neemrana, Jaipur, Tikaria, Biratnagar, Siliguri, Gotan, Kanpur, Guwahati, Chittorgarh, Udaipur, Nimbahora, Patna, Renukoot, Bokaro, Mejia, Murshidabad, Maihar, Ramgarh, Dhaka, Sewagram, Bhopal, Jamshedpur, Durgapur, Bhuj, Jojobera, Arasmeta, Kolaghat, Gandhidham, Ahmedabad, Halol, Indore, Kharagpur, Kolkata, vadodara, Pithampur, Rourkela, Rajkot, Sonadih, Rajgangpur, Jharsuguda, Bhadrak, Surat, Nardana, Raipur, Sambalpur, Vapi, Jalgaon, Angul, Nashik, Boisar, Bhubaneswar, Aurangabad, Nagpur, Mumbai, Ranjangaon, Khopoli, Urse, Sangareddy, Pune, Baramati, Hyderabad, Vizag, Chiplun, Nalgonda, Kakinada, Kolhapur, Gulbarga, Vijaywada, Malkhed, Sedam, Dharwad, Nandyal, Goa, Ballary, Gooty, Yerraguntla, Dabaspet, Kadapa, Mangalore, Bengaluru, R R Nagar, Chennai, Sriperumbudur, Sholinganallur, Mysuru, Hosur, Puducherry, Erode, Alathiyur, Ariyalur, Thrissur, Coimbatore, Madurai, Kochi, Virudhanagar, Kottayam, Thoothukudi, Colombo

Legend

🔴 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.

300+   Engineers Serving
2,447   Pincodes
1,624   Cities across India

CONTROL PRINT

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