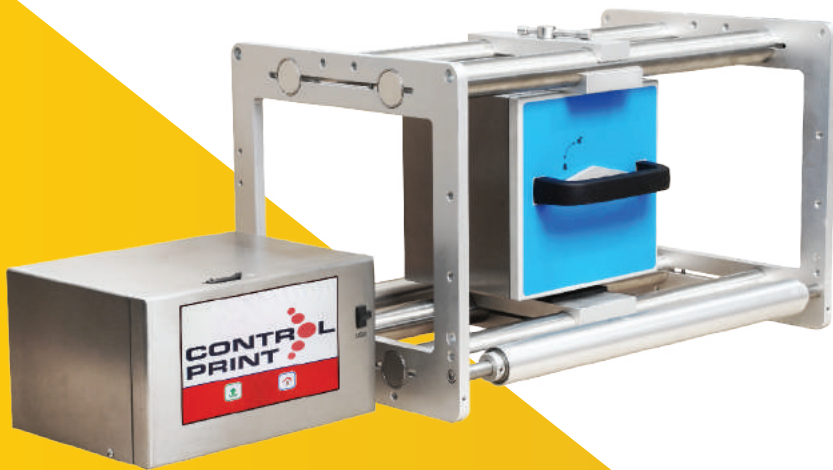


# Thermal Transfer Overprinter

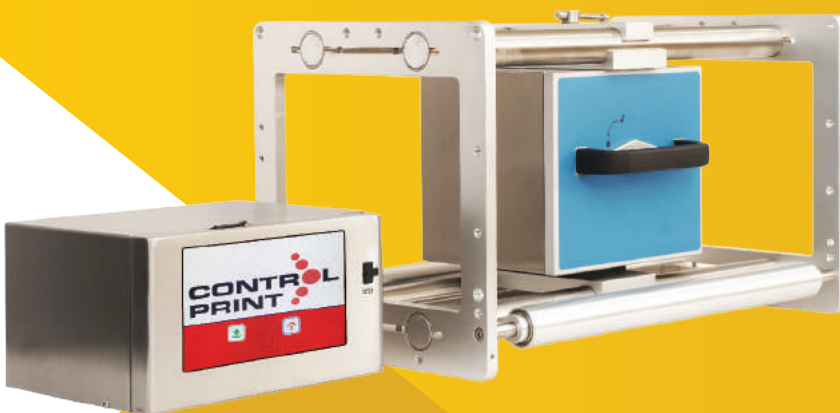
Thermal Transfer Technology is an innovative solution that employs food-safe and non-hazardous ribbons, completely eliminating any risk of liquid leakage or mess.



TTO Ketti



TTO Neora



TTO Sandhan

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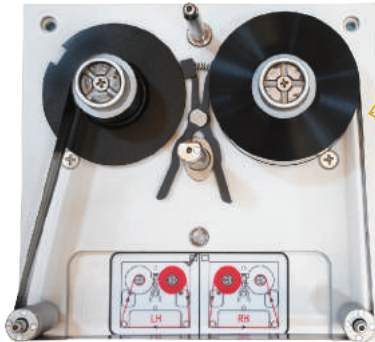
# No mess; non-hazardous thermal transfer ribbon technology

## Minimal operator training and specialized support required for operation & maintenance

The Control Print TTO is a preferred option for delivering high quality codes including date, time, price, batch, counter, linear barcodes, data matrix, QR Codes, logos, graphics etc. across the Foods and Pharma industry including dairy, snack foods, bakery and packaged foods.

Thermal Transfer Technology utilizes a thermal printhead consisting of many individual ceramic resistors that are selectively heated as required to transfer the desired image from a coated ribbon directly onto the substrate. Thermal Printhead have a high native resolution

The TTO printer can be easily integrated across a wide gamut of vertical and horizontal form-fill-seal packaging and labeling lines. It also is suitable for printing on flexible packaging and labels.

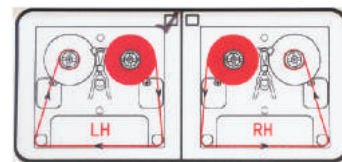


## Uptime & Maintenance

- ✔ Simple ribbon changeover
- ✔ Easy printhead replacement
- ✔ High speed capabilities
- ✔ 0.5mm gap between prints for minimal ribbon wastage
- ✔ No startup / shutdown or long shutdown procedures to follow

## Simple, intuitive operation

- ✔ Touchscreen display
- ✔ Interactive, easy to use, icon based, WYSIWYG graphical interface
- ✔ Automatic error diagnostics for cautions and easy troubleshooting
- ✔ Multiple levels of access
- ✔ Minimal operator training and specialized support required for operation & maintenance



## Excellent print quality and capabilities

- ✔ High quality print resolution
- ✔ Variety of Ink Ribbons for cost, speed or adhesion requirement
- ✔ Ribbon Saving Feature
- ✔ Cassette Technology



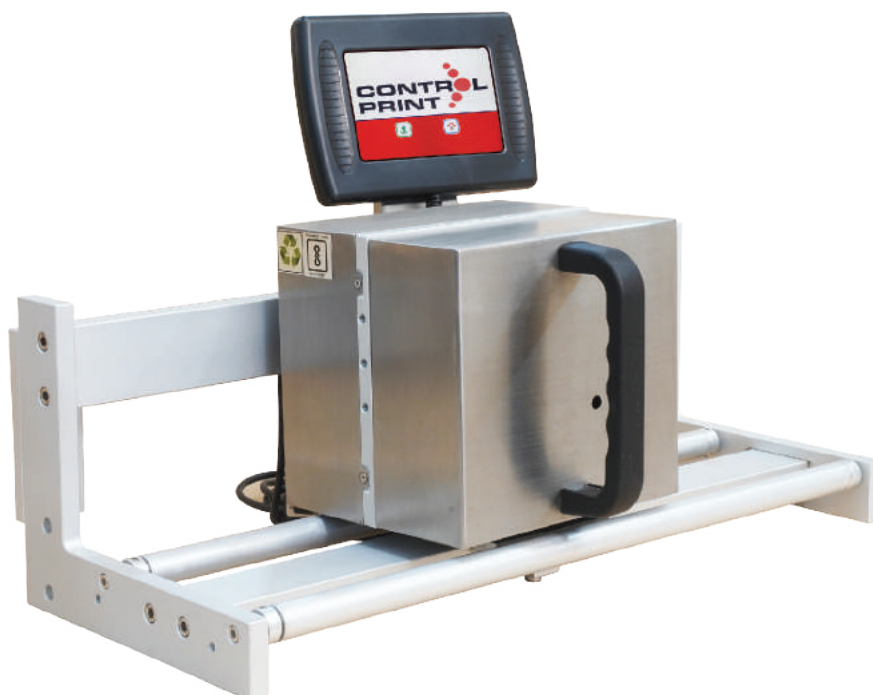
## Flexibility, Communication & Integration

- ✔ USB message transfer
- ✔ RS232 & Ethernet
- ✔ Easy to setup and integrate on almost any production line
- ✔ High print quality 300 DPI
- ✔ No mess as thermal transfer ribbons utilize no liquid inks
- ✔ High safety food packaging compatible ribbon
- ✔ Zero maintenance, high reliability & line uptime because of Thermal Transfer Technology
- ✔ Printhead & Ink Ribbons can simply be replaced as required
- ✔ Simple, intuitive icon-based touch interface
- ✔ Minimal user training required

# TTO Neora

## Technical Specification

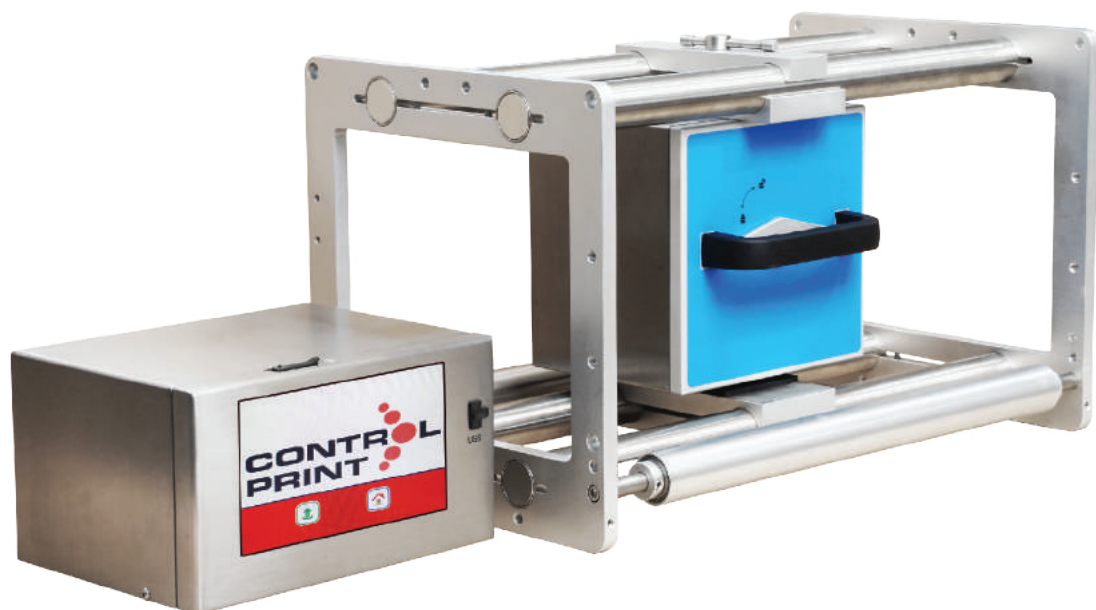
	TTO Neora
Print head	24 mm, 200 DPI
Print Area	Intermittent Motion 1: 24 mm x 40 mm (W*L)  Intermittent Motion 2: 24 mm x 20 mm (W*L) (Optional)
Ribbon Width	20 mm ~ 25 mm
Ribbon Length (max.)	500 Meters
Print Speed	<30 meters/min
Print frequency	Intermittent Motion 1: ≤ 80 ppm Intermittent Motion 2: ≤ 120 ppm (optional)
Supported Field Types	Real time, dates, variable information, graphic, counter, picture, text, linear barcodes, data matrix, QR codes, logos, etc.
Communication Interface	USB
Alarm Output	NO / NC
Electricity Requirements	AC110V ~ 220V, 50/60 Hz
Power	120 W
Environmental Temp.	0 ~ 40° C
Relative Humidity	10% ~ 95%
Weight	Printing Unit: 6.7 kg Display Unit: 0.48 kg
Dimensions	Printing Unit: 175 mm * 197 mm * 168 mm (L*W*H)  Display Unit: 173 mm * 140 mm * 83 mm (L*W*H) with L-mounting bracket



# TTO Ketti

## Technical Specification

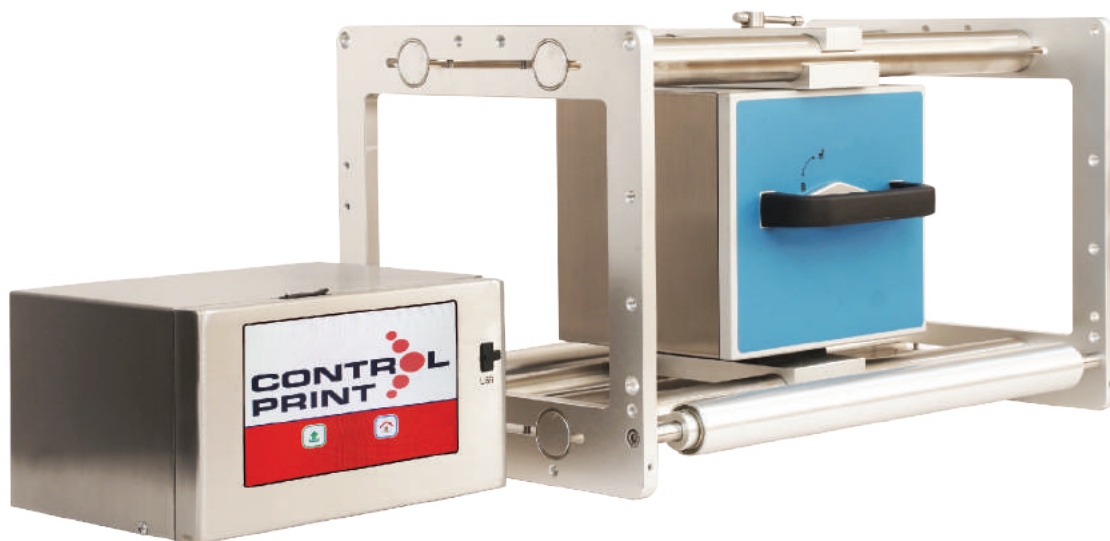
	TTO Ketti - Pneumatic
Print head	32 mm, 300 DPI
Print Area	Intermittent Motion: 32 mm × 60 mm (W*L) Continuous Motion: 32 mm × 100 mm (W*L)
Air Supply	6bar/0.6 Mpa (maximum) dry & moist free
Ribbon Length (max.)	500 Meters
Ribbon Width	25 mm ~ 33 mm
Print Speed	< 40 meters/minute ( Continuous Motion)
Print frequency	< 200 prints/minute (Intermittent Motion)
Supported Field Types	Real time, dates, variable information, graphic, counter, picture, text, linear barcodes, data matrix, QR codes, logos, etc.
Communication Interface	USB ; Ethernet ; RS232
Alarm Output	NO / NC
Electricity Requirements	AC110V ~ 220V, 50/60 Hz
Power	200 W
Environmental Temp.	0 ~ 40° C
Relative Humidity	10% ~ 95% (Non Condensing)
Weight	Printing Unit: 8.5 kg Controller Unit: 2.0 kg
Dimensions	Printing Unit: 190 mm * 192 mm * 183 mm (L*W*H) Controller Unit: 233 mm * 184 mm * 136 mm (L*W*H)



# TTO Sandhan

## Technical Specification

	TTO Sandhan
Print head	53 mm, 300 DPI
Print Area	Intermittent Motion: 53 mm x 70 mm (W*L) Continuous Motion: 53 mm x 150 mm (W*L)
Ribbon Length (max.)	500 Meters
Ribbon Width	25 mm ~ 55 mm
Print Speed	< 36 meters/minute (Continuous Motion)
Print frequency	< 200 prints/minute (Intermittent Motion)
Supported Field Types	Real time, dates, variable information, graphic, counter, picture, text, linear barcodes, data matrix, QR codes, logos, etc.
Communication Interface	USB ; Ethernet ; RS232
Alarm Output	NO / NC
Electricity Requirements	AC110V ~ 220V , 50/60 Hz
Power	200 W
Environmental Temp.	0 ~ 40° C
Relative Humidity	10% ~ 95% (Non Condensing)
Air Supply	6 bar/0.6 Mpa (maximum) dry & moist free
Weight	Printing Unit: 9.3 kg Controller Unit: 2.0 kg
Dimensions	Printing Unit: 210 mm * 213 mm * 183 mm (L*W*H) Controller Unit: 233 mm * 184 mm * 136 mm (L*W*H)



### The Neora Valley-

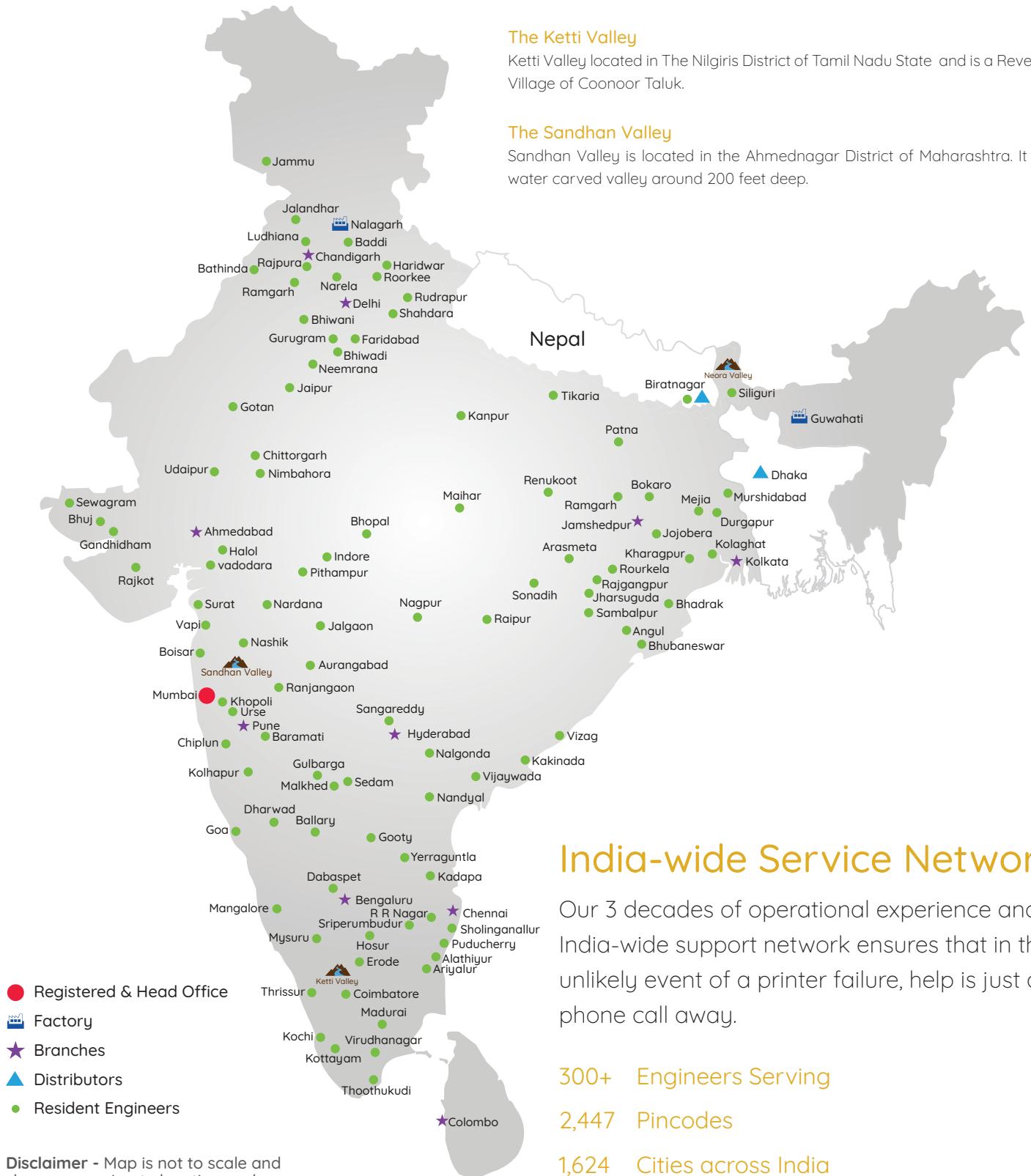
Neora Valley is located in Kalimpong district, West Bengal. It is the land of the red panda in the pristine undisturbed natural habitat

### The Ketti Valley

Ketti Valley located in The Nilgiris District of Tamil Nadu State and is a Revenue Village of Coonoor Taluk.

### The Sandhan Valley

Sandhan Valley is located in the Ahmednagar District of Maharashtra. It is a water carved valley around 200 feet deep.



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