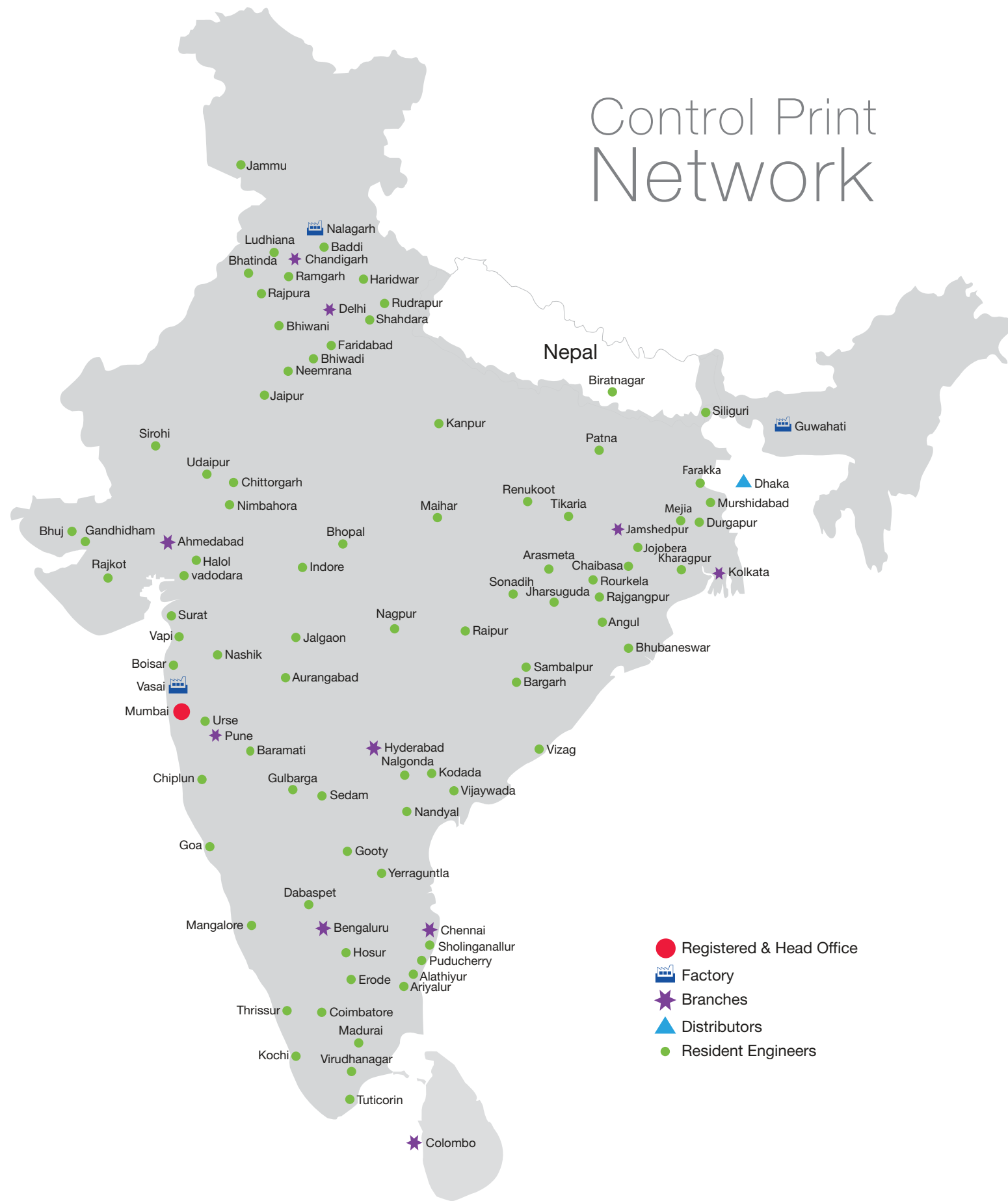


Control Print Network



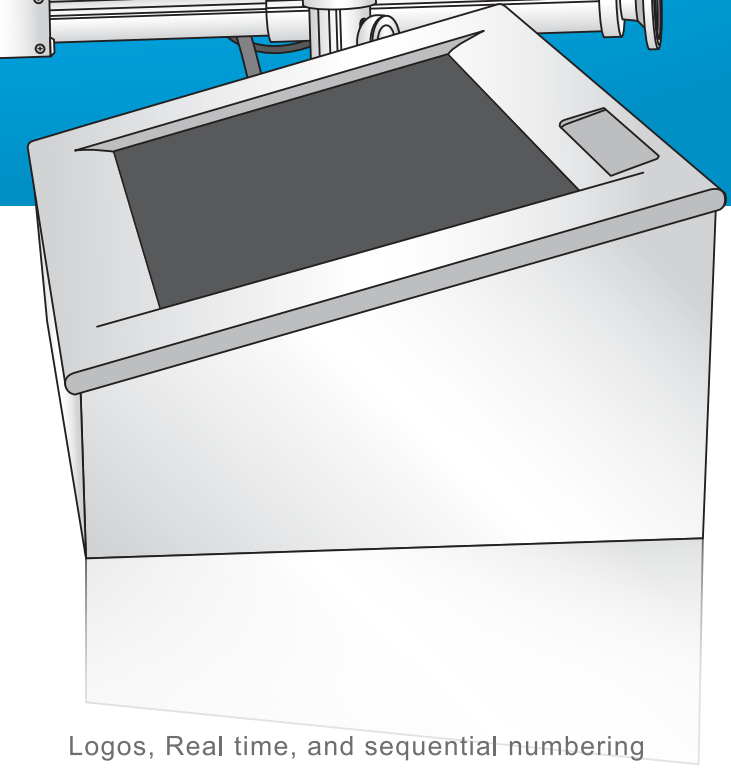
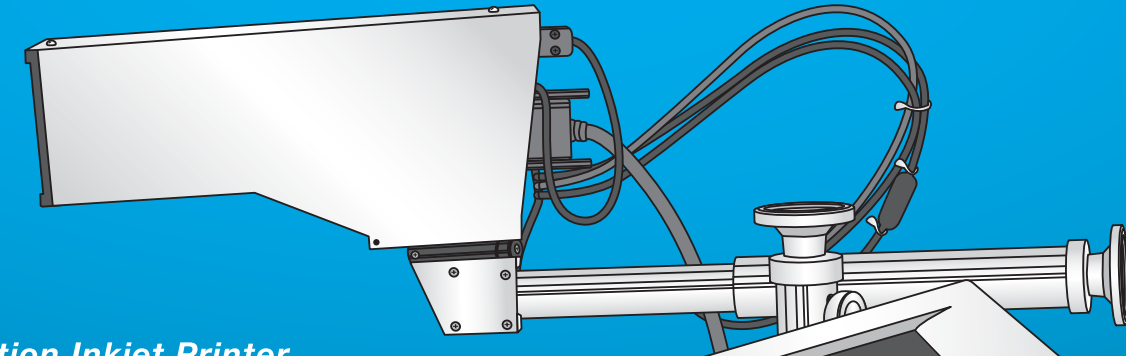
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HR

High Resolution Inkjet Printer



The Control Print HR printer is based upon Piezo Drop on Demand Inkjet Technology. Using Oil based ink this printer is especially suitable for a variety of variable (including linear and datamatrix barcodes) barcodes, graphics & logos, real time information, and text directly on the production line.

It is suitable for printing across all varieties of corrugated and Kraft shipper cartons and also used extensively in the wood and construction materials industry. The HR printer can be easily integrated across a wide gamut of end of line packaging applications and for printing onto all porous materials.

Key features of HR include:

- 53.7mm or 72.8mm print heights
- Excellent print quality & barcode scannability native high resolution
- Highly reliable Piezo Drop on Demand Inkjet Technology
- Automatic purging and priming for zero maintenance and maximum reliability
- Simple, intuitive icon based touch interface
- Minimal user training required
- Horizontal and vertical print orientation options
- Large variety of print options including Linear and Datamatrix Barcodes, Text, Graphics &

- Logos, Real time, and sequential numbering
- High contrast oil based ink suitable for all porous substrates

High Resolution Piezo Drop on Demand Inkjet Technology

Piezo DOD Print heads have a high native resolution consisting of 382 individual nozzles in a 53.7 mm print swathe. The HR controller fires each individual nozzle to eject small droplets of ink to form the required characters as per the print message.

The combination of long lasting piezo DOD printheads, oil based inks which do not dry within the printhead, and automatic purging & priming leads to unsurpassed reliability on the production line. The simplicity of the technology and the user interface ensure no dependency on trained manpower for operation or support.



An ISO 9001:2008 Company

Excellent print quality and capabilities

- High quality 180dpi (dots per inch) maximum print resolution
- 53.7 mm print swathe per printhead with 382 independent nozzles; 72.8 mm printhead option
- Standard printing functions include linear barcodes, data matrix barcodes, automatic date & time functions, numbering, graphics, logos...
- Horizontal and vertical orientation possibility

Simple, intuitive operation

- Large 12 inch user friendly, solvent resistant industrial touchscreen display with easy to use, icon based, WYSIWYG graphical interface
- Embedded Windows software provides familiar feel and ensures minimal user training required
- User profile manager with multiple levels of access
- Minimal specialized support required for operation & maintenance

Uptime & Maintenance

- No printhead cleaning, filter replacements, or other maintenance requirements
- Automatic purging and priming with full ink recuperation ensures no ink wastage
- High ink tank capacity ensures very long time between refills
- Piezo drop-on-demand inkjet technology provides long lasting printhead life
- No startup/shutdown or long shutdown procedures to follow

Flexibility, Communication, & Integration

- Easy to setup and integrate onto almost any end of packaging production line
- Compact footprint
- Fully controllable through any Windows based PC for remote control of printers

Print Samples



Technical Data	Hi-Res
DIMENSIONS AND CONNECTED LOADS	
Housing Material	Satinless Steel
Protection Class	IP 54
Dimensions of unit (H x W x D)	320 x 250 x 140 mm
Screen	12" LCD Touch Screen
Weight	5 kg
Electrical Connection	100-240 V (+/- 10%), 50/60 Hz ; 1/1.5 A
Operating Temperature	+0 Deg. C to + 50deg C
Compressed Air required	NO
HARDWARE	
Number of print heads	1-2
Interface	Ethernet 10 BASE-T /100 BASE-T LAN
Serial Interface	RS232 & RS485
Alarm Output	Yes
Processor	600MHz or higher processor with advance C Touch Software
USB	2.0 port
PS/2	Port for Mouse and Keyboard
BCD Port	5 PNP/NPN inputs
Encoder	PNP/NPN
Product Sensor	1 (option of 2) PNP/NPN
PRINTING CAPABILITY	
High definition piezoelectric Print Head	382 dots
Maximum print height	53.7 mm
Vertical Resolution	180 dpi
Volume Ink Drop	60 pl