

# HSAJET® Touch Controller

TIPC15

Windows driven controller with  
database connectivity  
for fully variable imprints

## HSAJET® Industrial Printer Controller utilizes HP Thermal InkJet 2.5 technology

The Touch Industrial Printer Controller (TIPC15) builds on the HSAJET® controller board (CBF) solution driving reliable HP TIJ 2.5 technology.

The built-in controller board is PCI based and can control up to 2" of print height in any combination or orientation of 4 x 1/2" F-type pens.

## Industrial casing

The black anodised aluminium frame and steel case provide extra protection for harsh industrial environments.

## HSAJET® software

Specially designed software packages drive TIPC15 controllers for Coding & Marking as well as Graphics & Mail applications.

All HSAJET® software solutions provide the features needed for their respective markets; examples include database connectivity, vision system control and unique serialization capability. All HSAJET® software solutions provide an easy to use, intuitive design.

## Advanced software features

Stitching accuracy down to pixel level means printable objects can be located anywhere on the canvas without limitation.

All TIPC15 software packages offer flexible ink saving feature providing up to a 75% ink saving.

## Remote control

The comprehensive communication protocol allows you to control the unit remotely. Eight outputs enable integration of the controller into the most complex systems.



Remote management is done through Ethernet or serial connection.

## Powerful solution

The availability of different printhead styles makes the system usable in a variety of applications printing horizontally or vertically/down.

The combination of hardware and software provides a powerful printing solution as a stand alone solution or as part of an integrated application.

## Print at breakthrough speeds of up to 300 m/min in 300 x 150 DPI

- GRAPHICS
- COUNTERS
- SHIFT CODES
- VARIABLE TEXT
- FIXED TEXT
- 1D & 2D CODES\*
- DATE & TIME (REAL-TIME & ADJUSTED)
- WINDOWS FONTS

\* For information on specific barcodes please go to [www.hsasystems.com](http://www.hsasystems.com)

# Technical Details

## HSAJET® TOUCH INDUSTRIAL PRINTER CONTROLLER TIPC15-HP

### Technology

HP TIJ 2.5

### Print height

Up to 50.8 mm / 2"

### Printheads

1-, 2-, 3- or 4-pen F-type printheads

### Print distance

0.5-2.0 mm  
(nozzle to print surface)

### Voltage

100-240 VAC

### Print buffer

64 MB

### Screen

15" colour touch screen

### Design software

OBJ InkDraw (standard)  
Mail InkDraw (optional)

### Software menu language

English (multiple languages)

### Print functions, eg.

Database printing  
(SQL, Txt, Access, Excel)  
Prompt  
User defined print log  
Barcode log  
Error log

### Print options

Variable DPI  
Left/Right, Upside-down  
Other side, Bidirectional,  
Inverted, Global Ink Reduction

### Layout options

Object rotation in 90 deg interval  
Link field content  
Works with mm/inch/point/pixel

### Remote controlling

Start/stop  
Exchange job  
Create jobs  
Edit jobs  
Change field content per print  
Change print preferences/parameters

### Interface

RS232 (serial)  
Ethernet (LAN) 100 Mbit (Standard)  
USB 2.0  
Camera connection (USB)  
Control connection (SUB D15)  
Encoder Input 3-33V (SUB D9)  
In-/output 3-33 V (SUB D9)

### Signals

Low ink signal  
Print signal  
Print message signal  
Stacker/bundle signal (option)  
Database change signal (option)  
Database mark signal (option)  
Batch count signal (option)  
Check content/reject signal (option)

### Complies with

CE directives

### Housing

Black anodised aluminium frame  
Stainless steel

### Weight

8.1 kg / 17.8 lbs

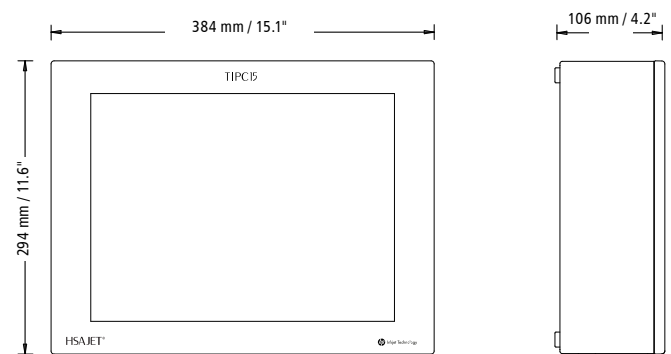
Vertical resolution (DPI)	Horizontal resolution 75-2400 DPI (variable)* speed examples (m/min)			
	75 DPI	300 DPI	600 DPI	2400 DPI
600 DPI	304	76	38	10
300 DPI high speed	608	152	76	19
300 DPI (row A)	304	76	38	10
300 DPI (row B)	304	76	38	10

\*) Dependent on controller and software

### Accessories

- F-type printheads (see other flyer)
- Distributor box
- USB Key / Stylus pen (included)
- Sensor and encoder
- Bridges and brackets
- Mountings (Inocon 53 mm)
- Adaptorplate for Inocon FLV-25/ FLV-40/ FLS30-S1 (included)

TIPC15 F-type	PC configuration (min)
Hard disk	60 GB SSD disk
RAM	4 GB
Processor	Core i7-2720 3.3 Ghz
Printing Software	OBJ InkDraw Mail InkDraw
Operating System	Windows embedded Std 7 (WS7P) 32 bit



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