

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" 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:

- CODING & MARKING
- GRAPHICS & MAIL

All HSA software solutions provide the features needed for their respective markets; examples include database connectivity, vision system control and unique serialization capability. All HSA 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 allow for integration of the controller into the most complex systems.

Remote management is done through ethernet or serial connection.

Powerful solution

The availability of different print head 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
- SHIFT CODES
- FIXED TEXT
- DATE & TIME (REAL-TIME & ADJUSTED)
- WINDOWS FONTS
- COUNTERS
- VARIABLE TEXT
- LINEAR & 2D BARCODES*

* For information on specific barcodes please go to www.hsasystems.com

Technical Details

HP SAJET 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 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

Max. length 65000 px
(~277 cm in 600 DPI)
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 housing

Weight

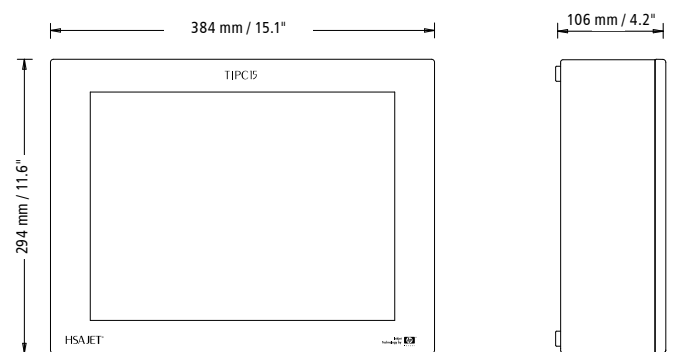
8.1 kg / 17.8 lbs

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

Accessories

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

TIPC15 PC min. configuration	Standard
Hard disk	160 GB
RAM	2 GB
Processor	Core 2 Duo 2 Ghz
Printing Software	OBJ InkDraw Mail InkDraw
Operating System	Windows 7



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