

HSAJET® Touch Controller

TIPC15

Windows driven controller with
database connectivity
for fully variable imprints

HSAJET® Industrial Printer Controller utilizes HP TIJ 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
- PHARMACEUTICAL

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.

Choose between standard or plus model

A standard model, as well as a plus model, is available. The standard model is perfect for running OBJ InkDraw or Mail InkDraw. The plus model is recommended for integration using a camera solution. For Pharma InkDraw the plus version is always required.

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

- GRAPHICS
- SHIFT CODES
- FIXED TEXT
- REAL-TIME PRINTING
- WINDOWS FONT
- COUNTERS
- DATE & TIME
- LINEAR & 2D BARCODES*
- VARIABLE TEXT

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

Technical Details

HSAJET TOUCH INDUSTRIAL PRINTER CONTROLLER TIPC15-HP

Technology

HP TIJ 2.5

Printhead frequency

15 KHz

Print height

50.8 mm / 2"

1, 2, 3 or 4 pen printheads

Print head 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)

Pharma InkDraw (optional)

Software menu language

English (multiple languages)

Print functionalities, eg.

Database printing (SQL - Txt - Access)

User prompt

User defined print log

Barcode log

Error log

Print features

Variable DPI

Left/Right, Upside-down

Other side, Bidirectional,

Inverted, Global Ink Reduction

Layout features

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

Create jobs

Edit jobs

Change field content per print

Change print preferences/parameters

Interface

RS232 (serial)

Ethernet (LAN)

100 Mbit (Standard); 1 Gbit (Plus)

USB 2.0

Camera connection (USB)

Control connection (SUB D15)

Encoder Input 3-33V (SUB D9)

Product Sensor 3-33V (SUB D9)

Signals

Low ink signal

Print signal

Print message signal

Stacker/bundle signal (option)

Database change signal (option)

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

Database mark signal (option)

Batch count signal (option)

Check content/reject signal (option)

Complies to

CE directives

Housing

Black anodised aluminium frame

Stainless steel housing

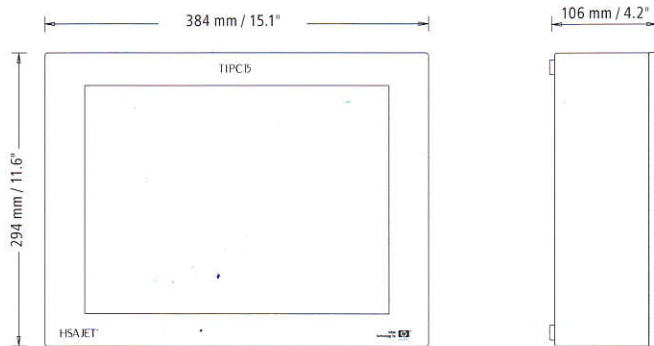
Weight

8.1 kg / 17.8 lbs

Accessories

- Printheads (see other flyer)
- Distributor box
- USB Key / Stylus pen (included)
- Sensor and encoder
- Mountings (Inocon 53 mm)
- Prep. for Inocon FLV-25/ FLV-40/ FLS30-S1

TIPC15 PC min. configuration	Standard	Plus
Hard disk	160 GB	160 GB
RAM	1 GB	2 GB
Processor	1.5 Ghz	Core 2 Duo 2 Ghz
Printing Software	OBJ InkDraw Mail InkDraw	OBJ InkDraw Mail InkDraw Pharma InkDraw
Operating System	Windows XP Pro	



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