



## HSAJET TIPC15 PREMIUM

### TOUCH PRINT CONTROLLER FOR HP INKJET

Windows driven controller with database connectivity for fully variable imprints

HSAJET® Premium Touch Printer Controller utilizes HP Thermal InkJet 2.5 technology

The Premium TIPC15 is the most compact stand alone touch controller available in the market that enables a print height of up to 100 mm (4").

The controller builds on the PCI express based HSAJET® CB6e controller board.

#### Industrial casing

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

#### HSAJET® software

The TIPC15 is delivered with Windows 10 operating system and OBJ InkDraw printing software.

OBJ InkDraw is our software specially designed for coding/marking applications.

All HSAJET® software solutions provide the features needed for their respective markets, including database connectivity and unique serialization capability, as well as 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 a flexible ink saving feature providing up to a 75% ink saving in addition to fully variable resolution.

#### Remote control

The comprehensive communication protocol allows you to control the unit remotely. Remote management is done through ethernet or serial connection.



**PREMIUM**  
Touch Controller  
up to 100 mm  
Print Height

#### Premium series

In addition to the TIPC15 Premium controller, we offer the Premium MiniTouch with a print height of 2" or the individually configured PC-controllers built on the CB6e controller board offering a print height of up to 8".

#### Premium printhead

The centrepiece innovation of the Premium series is the hard anodised aluminium Premium printhead.

The CrN treated aluminium footplate of the printhead has a wear resistant surface with high conductivity and low friction. Ink cartridges are easy to replace and are held in the correct position without the use of a latch.

#### 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



## Technical Details

### Technology

HP TIJ 2.5

### Print height

Up to 50.8 mm / 2"

With crypto key up to 4" (101.6 mm)

### Printheads

HSAJET® Premium printheads

(see flyer)

Connect 2 printheads directly to the controller or use distributor box for connection of up to 8 single 1-pen printheads.

### Print distance

0.5-5.0 mm dependent on ink and speed, typically 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, e.g.

Database printing (SQL - Txt - Access)

User prompt

User defined print log

Error log

### Print options

Variable DPI

Left/Right, Upside-down

Other side, Bidirectional

Inverted

### Layout options

Object rotation in 90 deg intervals

Link field content

Works with mm/inch/point/pixel

Unlimited number of objects

### Remote controlling

Start/Stop

Exchange job

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)

Printhead connections (2x RJ45)

### Housing

Black anodised aluminium frame

Stainless steel housing

Weight

8.1 kg / 17.8 lbs

### Accessories

- Premium printheads (see other flyer)

- Distributor box

- USB Key / Stylus pen (included)

- Sensor and encoder

- Bridges and brackets

- Mountings (Inocon 53 mm)

- Adaptorplate for Inocon

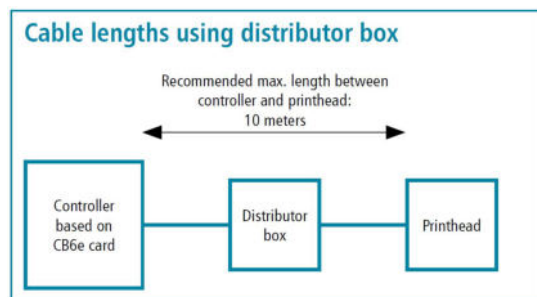
- FLV-25/ FLV-40/ FLS30-S1 (included)

### Complies with

CE directives

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

TIPC15 Premium	PC configuration
Hard disk	256 GB SSD
RAM	8 GB
Processor	Intel I3-8100 3,6 GHz Quad Core
Printing Software	OBJ InkDraw Mail InkDraw
Operating System	WIN10 64bit
TIPC15 Premium	Dimension
Length	384 mm / 15.1"
Width	106 mm / 4.2"
Height	294 mm / 11.6"



Example of printhead connections using Distributor box (refer to Manual for further info)

