

# HSAJET® MiniTouch

PREMIUM MTHP4

Our Premium controllers and printheads are robust and well-suited for harsh industrial environments. The MiniTouch is ideal for being integrated into packaging lines, webs, inserters, folders or collators

## HP TIJ 2.5 technology

The HSAJET® MiniTouch is based on reliable HP TIJ 2.5 technology which delivers consistent, high-quality, fast printing, exceptional value, and ease of use.

## Robust design

The elegant black aluminium casing underlines the robust design, making it perfect for being installed in production environments.

A USB port is positioned on the side of the MiniTouch. A small cover protects it when not in use.

## 5.7" Touch Interface

Use the touch pen or simply a pointed finger to control the MiniTouch. Illustrative, easy-to-understand icons lead users through all phases of building a print job to make printing simple and fast.

## Easy to integrate and use

The controller's small size enables it to fit wherever you want it. Using cables up to 15 m long, the controller can be mounted far from the actual point of printing. It can be operated straight from the touch interface or by using the remote controlling protocol, providing yet another integration tool.

## Premium controller for Premium printheads

Our MiniTouch Premium version is made specifically for our Premium printheads, made from black powder-coated aluminium.

The Premium printhead has a stainless-steel footplate, which ensures that the print head is completely free of static electricity. Furthermore, the footplate encloses the nozzle area to avoid air turbulence and provide optimum print quality for high-speed printing. Read more about the Premium printheads in separate flyer.

## Choose from ½"-2" printheight

The HSAJET® Premium MiniTouch MTHP4 can control print height up to 2", either as single heads or in a combination of 1-, 2-, and 3-pen printheads.



## No time between prints

While the first print is being executed, you are able to setup the next layout for printing. Once the first layout has been printed, you can execute the prepared layout right away.

## Advanced administrator options in software

Flexible user-level management guarantees that the correct data is printed. You are also able to grant user rights as desired and protect the data with a unique password. In addition, content may be filled using a prompt which, as an optional feature, must be validated by a different user to guarantee accuracy.

The controller is preloaded with a number of language files to provide menus in different languages, as well as regional month and day names.

## Print at breakthrough speeds of up to 300 m/min (984 ft/min) in 300 x 150 DPI

- GRAPHICS
- TEXT (ALPHANUMERICAL)
- COUNTERS
- PRINTLOG
- SHIFT CODES
- 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® MINITOUCH PREMIUM MTHP4

## Technology

HP TIJ 2.5

## Print height

Up to 50.8 mm / 2"

## Printheads

1-, 2-, 3- or 4-pen Premium 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

## Memory

2 GB internal

## Screen

5.7" touch screen

## Design software

MiniDraw (PC) or on controller

## Software menu language

English (multiple languages)

## Print functions, e.g.

Prompt

User-defined print log

## Print options

Variable DPI

Left/Right, Upside-down

Other side, Bidirectional

Mirrored

## Layout options

Object rotation in 90° interval

Works with mm/inch/point/pixel

## Remote controlling

Start/Stop

Exchange job

Change field content per print

Change print preferences/parameters

## Interface

Power supply (SUB D15 F)

Printhead connections (4x RJ45)

RS232 (serial)

Ethernet (LAN) 100 Mbit

USB 2.0

Control connection (SUB D15)

Encoder input 3-33 V (SUB D9)

Input/Output 3-33 V (SUB D9)

## Signals

Low ink signal

Print signal

Print message signal

Signal-generator

## 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       |

\*) Dependent on controller and software

## Housing

Black powder-coated aluminium

## Weight

MTHP4: 0.87 kg / 1.92 lbs

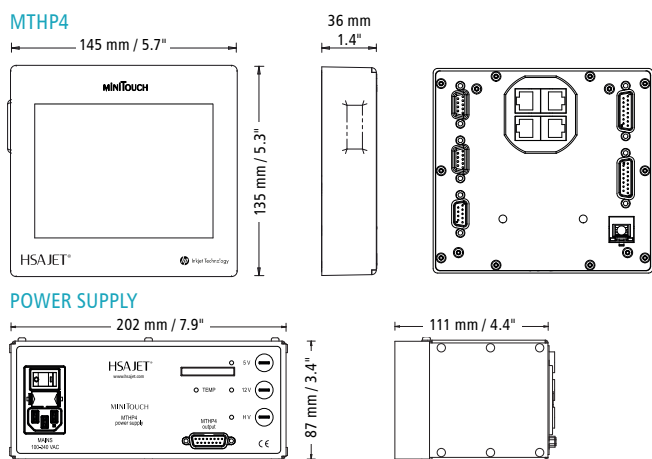
Power supply: 1.5 kg / 3.3 lbs

## In the box

- MiniTouch Premium controller
- Power supply
- USB Key / Stylus pen
- CD w. software
- 25-pin M-M cable for power supply, 2.0 m

## Accessories

- Sensor and encoder
- Bridges and brackets
- Mountings (Inocon 53 mm)
- Premium printheads (see other flyer)
- Standard cables and Hi Power cables for Premium printheads (see Premium Printheads flyer)



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## DISTRIBUTOR:



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