

HSAJET® MiniTouch MTHP4

Touch Controller ideal for integration
on packaging lines - webs -
inserters - folders - collators



HP TIJ 2.5 technology

The HSAJET® MiniTouch is based upon 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 installation in production environments.

The USB port is found 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 making printing simple and fast.

Easy to integrate and use

With its small size, the controller fits where you want it. With the printheads mounted externally the printer can be used for downprint as well as sideprint. The compact version (MiniTouch and side/low printhead) gives you controller and printhead in one unit making it ideal for side printing eg. on boxes.

Choose from ½"-2" printheight

The HSAJET® MiniTouch MTHP4 can control up to 2" print height. Mount the controller directly on a one or two pen printhead (side/low version) for a compact version or utilize the flexibility of the MiniTouch to connect up to 4 pens to the controller, either as single heads or with a distributor box 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

A flexible user level management can guarantee that the correct data is printed. You are also able to grant user rights as desired and protect by a unique password. In addition content may be filled by a prompt which optionally must be validated by a different user for guaranteed accuracy.

The controller is preloaded with a wide range of menu languages, as well as localized 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

Technical Details

HSAJET® MINITOUCH MTHP4

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

Memory

2 GB internal

Screen

5.7" Touch screen

Design software

MiniDraw (PC) or on controller

Software menu language

English (multiple languages)

Print functionalities, 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 deg 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 connection (SUB D25 F)
RS232 (serial)
Ethernet (LAN) 100 Mbit
USB 2.0
Control connection (SUB D15)
Encoder Input 3-33 V (SUB D9)
In-/output 3-33 V (SUB D9)

Signals

Low ink signal
Print signal
Print message signal
Signal-generator

Complies to

CE directives

Housing

Black powder coated aluminium

Weight

MTHP4: 0.8 kg / 1.8 lbs
Power supply: 1.5 kg / 3.3 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

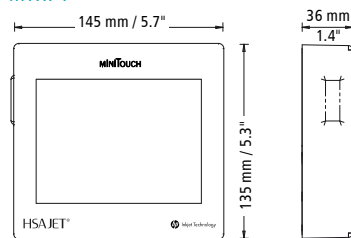
In the box

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

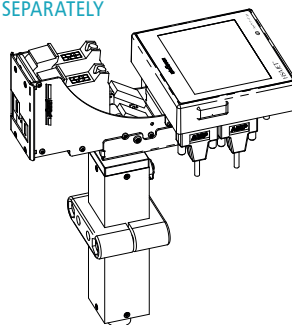
Accessories

- Telescope mountkit for compact mount of 1- or 2-pen side/low and MiniTouch or for 1-, 2-, 3- or 4-pen side/low printhead
- Sensor and encoder
- Bridges and brackets
- Mountings (Inocon 53 mm)
- F-type printheads (see other flyer)
- Cables for printheads (2.0 m 25-pin F-M cable is included w. printhead)
- Distributor box

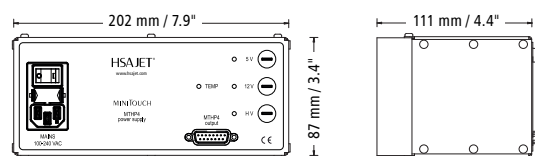
MTHP4



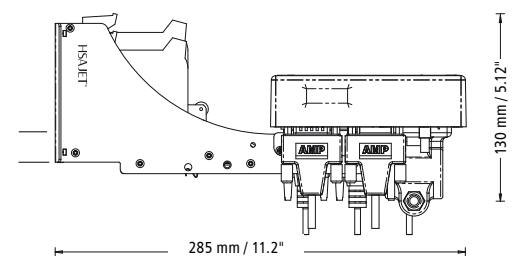
TELESCOPE MOUNT KIT IS AVAILABLE, FOR ORDER, SEPARATELY



POWER SUPPLY



MTHP4 COMPACT UNIT WITH 2-PEN PRINthead (ONLY FOR SIDE/LOW VERSION) (1")



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