
HSAjet TCU Setup Guide

**Follow this guide to setup your TCU unit
Please also see "TCU quick start" for
message design process**

Important

Congratulations on your new TCU. You have purchased a simple-to-use unit that still provides you with great flexibility in your marking needs.

To care for the unit some precautions have to be taken. Please follow these carefully:



Observe what voltage the TCU is made for. Correct voltage is written on the sticker next to power connector. Never supply different voltage.



Do not do any of the following while the machine is turned on

- Take out compact flash card
- Take out cartridges
- Disconnect cables to print heads



It is recommendable to store cartridges while not in production in airtight container with the supplied plastic tape mounted on nozzles, to prevent dry-out.

Unpack the equipment

You need the following to print with a TCU



TCU Unit.

This may be with or without display



Print heads (stalls)

One or two HP stalls, can be configured as double or single



Compact flash card

A normal Compact Flash card, 32 to 256 Mb, should be formatted in FAT



Start sensor

Photoelectric or proximity switch to detect product



Ink Cartridge

A series 45 compatible ink cartridge



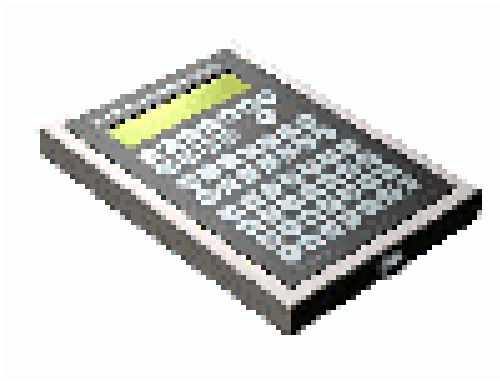
Power cable

Normal power cable.

The following parts are optional

Terminal / print selector switch

To choose messages on TCUs without display



Encoder

For accurate measurement of speed.



Compact Flash reader / writer

To transfer messages from a PC



Connect the TCU

Connect power

Connect HP stall(s) using the 25 pin cables to Head 1 and Head 2

Insert ink cartridge(s) into the stall(s) and lock them

Connect the start sensor to I/O.

Please consult TCU manual for connection of wires if you were not supplied with a complete unit

Optional equipment:

Connect the encoder to ENCODER connector. Please refer to wiring diagram in TCU manual if not mounted with connector

Connect terminal / message selector, to COM 2

Make a sample print

Look on the supplied CD in the directory for sample files

Copy all the files in this directory to your compact flash card.

Eject the card

(Windows 2000 / Win 98: select "Eject" from Windows Explorer)

Insert the card in your TCU

Turn on power

TCU without switch / terminal:

Select the file and press Enter to load

Press RED button to start print mode

TCU with selector switch:

Turn switch to position 11 or 12

Press RED button to start print mode

TCU with terminal / Integrated TCU:

Select the file using arrow keys
and press Enter to load

Press start print button to start print mode

Activate the start sensor and see a print.

Sample files work without encoder, at 15 or 20 m/minute