

Product information Weber Division Mark-O-Print

Subject: *Software iJET V2.001*

Product group: Mark-O-Print HP-*iJET*

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Description:

With the *iJET* software version V2.001 the system is with three different versions *iJET Basic* (export only), *iJET Advanced* (as up to now iLOGIK) and *iJET Pro* available.

! Caution !

The system has to be configured according to the requested version. A configuration can be effected by the shop, product management or development department only, with prior notice of the MAC address of the respective system. The configuration file can be transferred to the iJET via USB stick or mailed to customers.

Further explanations of the specific program executions:

iJET Basic:

Reduced performance for the export market.

Print speed up to 30m/min with a resolution of 300dpi, no counter, no offset for the best-before date, no variable data fields, no action fields, no barcode, 2m text length, no USB data backup.

iJET Advanced:

This version is the standard configuration.

Print speed up to 90m/min with a resolution of 300dpi, counter, date with offset, variable data fields, 2D barcodes, 2m text length, data backup via USB, interface functions, data base connection.

iJET Pro:

Extended performance

Like ***iJET Advanced*** extra: Hi-Speed adjustable with print speed up to 180 m/min with a resolution of 300 dpi, 6m text length, password saving, Bluetooth, free configurable in- and outputs.

iJET Demo:

Temporary a performance like the ***iJET Pro***, after it like the ***iJET Advanced***.

The additional functions are activated for 30 days.

Optional functions, i.e. head coding can be activated additionally. In future the functions may be expanded.

Further implemented functions in the iJET:

Movable behavior of the zoom by modified intensity

Since software version V1.008 the zoom relates to the created print layout, irrespective of the modified intensity. 100% = 1:1, the width remains constant with modified intensity.

Caution, by prints of barcodes it may get distortions. Optimal: 300 dpi, 100%.

With the prior versions the print width varied with a modified intensity. The print width had to adjust with the zoom function.

From version V2.001 it's possible to select between the fixed and non-fixed zoom via WEB or iDesign software.

With the iDesign software it's possible under menu item: Functions → System settings → Advanced Settings → Fixed zoom.

With the WEB: Parameter → Advanced Settings → Fixed zoom

The fixed zoom is adjusted as standard.

High-Speed-Function

The High-Speed-Function is available in the **iJET Pro** version, which can print with a speed up to 180 m/min and a resolution of 300 x 300 dpi. It can be activated by the iDesign software or WEB interface.

With activated High-Speed-Function the setting of the nozzle row is set up to A~B and can't be modified. Furthermore it's necessary to set up the divider of the shaft encoder to the double value, caused of the redoubled tact.

Example: Divider is 4 → set up to 8.

For a good print result is an exact calibration of both nozzle rows, like A+B, necessary.

Please note: Print speeds more than 60 m/min (max. 90 m/min) aren't useful for barcodes and need to be tested.

Bluetooth-Function

In the **iJET Pro** version a Bluetooth function is equipped. The Bluetooth function can be activated and the system becomes visible respectively on the system. Selection below *Status menu* → *System* → *Bluetooth* and the system become visible by turning the iLogik. The display shows a connection code, which has to be entered in the PC for establish a connection. The connection can only take place over the „Add systems“-function of a PC with BlueTooth function – the connection can't take place from the **iJET**.

Afterwards the iDesign software should be installed on the PC and the **iJET** should be added. Make the system for the iDesign software available below *Connections* → *search at COM Ports*. The system appears in the list of the available systems automatically.

Input of variable fields

With the **iJET Advanced** version it's possible to enter the variable data, for a variable field in the created print layout, at the iJET directly. On this select from the status menu the menu item "*Label* → *Select Label*", select the print layout with variable fields and enter and confirm the favored variables via the iLogik.

On the left side of the input are special functions like confirm, delete, to the left, to the right, space.

Password administration

With the **iJET Pro** version the system can be protected from unauthorized access by an user management/password request.

Hint: The password administration isn't implemented in the iDesign software yet.

Configuration of in- and outputs

The in- and outputs of the **iJET Pro** version allow multitude of configurations. For example it's possible to display signals over the M8-connector for status signal OK, Warning, Fault, information of the ink cartridge level (low, empty), print ready and print pulse.

On the input side signals for heating, spitting, print direction, upside down, print stop and text selection may be charged. With simultaneous use with a shaft encoder or rather external light barrier and in-/ouput signals a splitter cable (Art.-No.: 72901036) in connection with a M8-extension (Art.-No.:72901033) is necessary.

Print length

The print length of the **iJET Pro** version comes to 6 meter with a resolution of 300 dpi; **iJET Advanced**: two meter; **iJET Basic**: two meter.

Fault clearance / Bug fixes

Correction of the head voltage with a reboot

As yet after a system reboot the head voltage has been set up to 11V wrongly with the selection of BEABL as actual ink type. This was corrected with the new **iJET** version, so that the standard value remains 8V correctly or rather the manual changed value remains constant.

Lübeck, 6. Juni 2010
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