



**MAXIMUM  
FLEXIBILITY FOR  
SMOOTH LOGISTICS  
PROCESSES IN  
MOBILE APPLICATIONS**

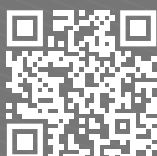
## Wireless Mobility in Production Environments

### HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Compatible with: PCL5, IGP, IPDS, PDF, ZPL II, etc.
- WIFI optional
- Laser printer compatible
- SAP® und AS/400 compatible (through PCL5 + JetCAPS as well as LAN-IPDS)
- Mobile use for 12V, 24V or 48V DC applications
- or with 100 - 240VAC, 50/60Hz power supply

### FIELD OF APPLICATION

- Mobile workstations
- Assembly on industrial trucks (forklift trucks)
- Packing stations with limited space
- Locations with high dust loads



**Let's get in touch!**  
[info@globalis.com](mailto:info@globalis.com)

Headquarters &  
Americas Operations

[www.globalis.com](http://www.globalis.com)

Middle East, Africa  
& Asia Operations

[www.alistech.ae](http://www.alistech.ae)

## Print Engine

<b>Print technology</b>	Thermal transfer/direct thermal (history-controlled flat head technology)
<b>Controller</b>	MPC 8.x
<b>Print speed</b>	up to 150 mm/s up to 6 inches/s
<b>Print resolution</b>	300 dpi x 300 dpi
<b>Lifetime print head</b>	Transfer: up to 50.000 m, Direct: up to 25.000 m
<b>Power supply</b>	AC: 100 - 240V (max. 1.6 A), 50/60Hz autoselectable DC: 12V (8A), 24V (4A), 48V (2A)
<b>Dimensions (WxDxH in mm)</b>	275 x 320 x 220 mm
<b>Weight</b>	10,0 kg (without options)
<b>Relative humidity</b>	30 - 85 % (rel., non-condensing)
<b>Environment temperature</b>	5 - 40° Celsius
<b>Interfaces</b>	USB Ethernet-interface 10/100 MBit, bi-directional (TCP/IP)
<b>Optional*</b>	IEEE 1284 (Centronics) RS232, RS422 WIFI: IEEE 802.11 n/g/b, WEP with 64 and 128 Bit, WPA/WPA2, WPA-PSK/WPA2-PSK
<b>Memory</b>	RAM: 256 MB Flash: 256 MB

## MPC 8.x High-End Print-Controller

### Emulations

MICROPLEX IDOL, AGFA Reno, LN03+, BULL-MP6090, IGP/PGL, Datamax, Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPL II, EPL2, Intermec Direct Protocol, IER Command, cab, Godex EZPL, Diablo 630, IBM Proprinter, Epson FX-80 (ESC/P), MT-600/MT40, IDS, ANSI Genicom, TIFF, HP Designjet, XML (SAP® RFID), CUPS Raster

### Optional Emulations

HP-PCL5/ HPGL, µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, Labelpoint, IPDS, AEA, PDF Direct Printing\*\*  
(more emulations on request)

### Barcodes

Codabar, Code39, MSI, PDF417, Interleaved 2/5, Interleaved 2/5 (3-Stroke Datalogic), Interleaved 2/5 (3-Stroke Matrix), EAN-8, 13, 128, Add-On-Codes, Code11, Code93, Code 128, UPC-A, UPC-E

### Optional Barcodes (Barcode 2)

Datamatrix, Maxi-Code, QR Code, Aztec-Code, USD-5 (more barcodes on request)

### Additional functions

<b>Network capabilities</b>	authentication standard IEEE 802.1X
<b>Intelligent barcode generation</b>	on-the-fly in the printer.
<b>Format splitting</b>	in several sub formats by command.

### Optional functions

#### Integrated forms management (RFM)

Forms and fonts can be stored in the flash memory and can be accessed when needed.

#### Status-Out

gives notice of each correctly printed page via interface. Further features can be found in the manual.

#### Programmable GPIO-Interface (SPS-Control)

**EMBEDDED INTELLIGENCE** – Enabling two-way communication between printer and a PCL.

Integration of the printer into production lines is possible, controlled by GPIO-interface.

Customer/Application specific modifications possible.

\* Not all interface options can be activated at the same time.

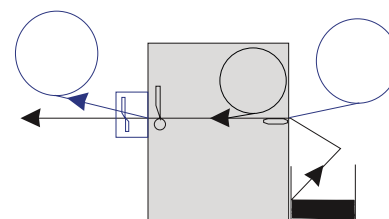
\*\* Only available from MPC 3.4, MPC 3.6, MPC 7.x and MPC 8.x

The brand names referred to are the registered trademarks of the respective companies. Technical data is subject to change. The information contained in this specification sheet refers exclusively to the described details and not to warranted characteristics. No guarantee is assumed. The information do not exempt from the obligation for inspection of each respective individual case. Version 11.10.2023



## Printable Media

<b>Size</b>	
Width	1" - 4.64" (25,4 - 118 mm ) 106 mm printable
Roll diameter	max. 152 mm
Paper thickness	0.06 - 0.25 mm
core diameter	1,5 - 3" (38 - 76 mm)
<b>Thermal transfer ribbon</b>	Roll diameter max. 64,5 mm
<b>Core diameter</b>	1 inch (25.4 mm)
<b>Ribbon length</b>	max. 300 m
<b>Coated side</b>	Outside
<b>Ribbon width</b>	30 - 110 mm



## Paper path

### Input

Continuous  
internal from roll, external (e.g. fanfold), sensor for black mark and label gap (reflection and transmissive)

### Output

Single	Tear-off
Job	Tear-off

### Optional

Continuous	External rewinder
Single	Peel-off, Cutter
Job	Cutter
Mounting plate	for easy mounting on i.e. fork lift trucks

globalis  
international

ALISTECH  
اليس تك



Let's get in touch!  
info@globalis.com

Headquarters &  
Americas Operations

[www.globalis.com](http://www.globalis.com)

Middle East, Africa  
& Asia Operations

[www.alistech.ae](http://www.alistech.ae)