



Product List

This is purely a complete list of the Microplex products showing specifications and possible applications so the partner can easily find the required printer for their customers.

Product List



Cut sheet printers

SOLID 52A4
SOLID 52A4 MICR
SOLID 50A3-3
SOLID 90A3
SOLID 105A3
SOLID 120A3



Continuous form laser printers

SOLID F40
SOLID 60E-2
SOLID 85E
SOLID F140
SOLID 58E MICR



Thermal printers

LogiJET T4-2
LogiJET T6-2
LogiJET T8-3
LogiJET TM4
LogiJET TM8
SOLID T4-2
SOLID T6
SOLID T8
SOLID 45ET



Continuous form colour printers

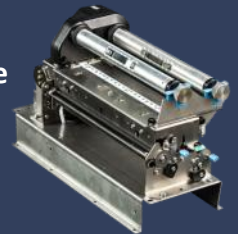
LogiJET TC8



RFID printers

LogiJET T4-2
LogiJET T6-2
LogiJET TM8

PM-T8 Printing Device
(RFID Ready)



Product List - Cut sheet printers

SOLID 52A4 Specifications

Print Technology Laser: OPC heat / pressure

Print Controller: MPC 7.1 High-End

Print Speed: up to 52 pages/minute (A4)

First Page Out: approx. 5.9 seconds

Print Resolution: 600 dpi x 600 dpi

Duty Cycle: 3,000,000 (50,000 A4 per month over 5 years)

Environment Temperature: 10 - 32°C Relative humidity 8 – 80%

Power Consumption: 700 W (Sleep Mode: 4,2 W)

Interfaces: Serial USB 2.0, (RS232, RS422) Parallel: IEEE 1284

LAN: Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)

Memory: 1024MB RAM, 32GB Flash

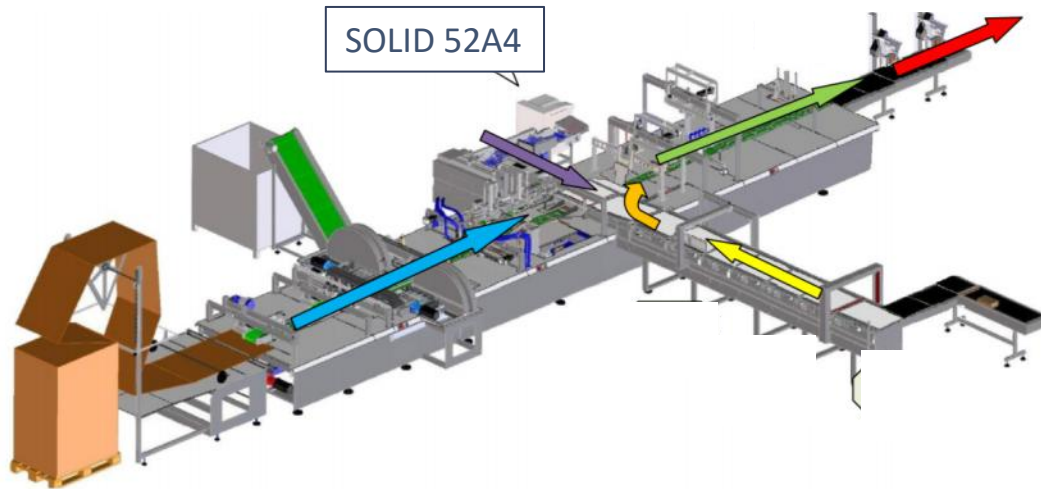
WiFi (Option): 802.11 b/g/n (WPA, WPA-PSK, WPA2, WPA2 –PSK)

Emulations: Microplex IDOL, HP-PCL5e/ HPGL, AGFA Reno, μ -Postscript, LN03+, BULL



Product List - Cut sheet printers

SOLID 52A4 Possible Application – GPIO control



The SOLID 52A4 provides seamless integration into production lines utilising the full benefits of GPIO control and very often the face-up option.

Product List - Cut sheet printers

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Memory: 1024MB RAM, 32GB Flash

WiFi (Option): 802.11 b/g/n (WPA, WPA-PSK, WPA2, WPA2 –PSK)

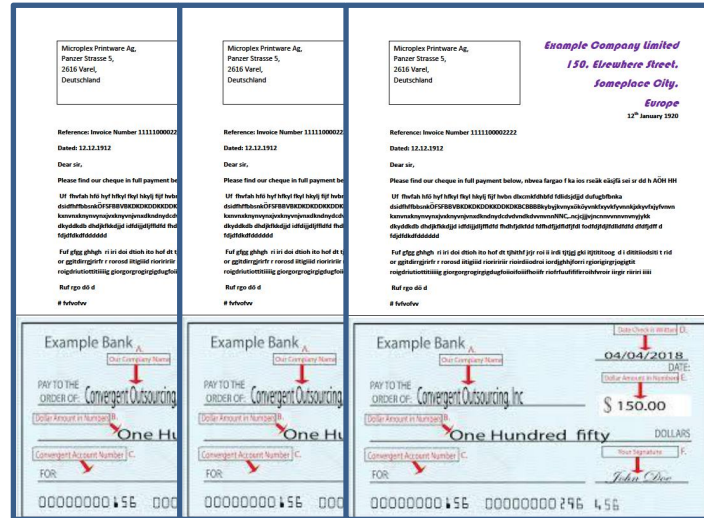
Emulations: Usual plus optional PDF direct print for total security, also font CMC7 and E13B for the MICR code



Product List - Cut sheet printers

SOLID 52A4 MICR Applications

Printing Pre-Printed A4 Letter incorporating a Cheque



Product List - Cut sheet printers

SOLID 50A3-3 Specifications

Laser printer, OPC heat/pressure fixing,

600 dpi, MPC 5.2 high level controller,

50 ppm simplex, 50.000 pages/month (average for 60 months)

64 MB RAM, up to 12 MB flash for downloading and internal forms handling

Paper Input: 2 X 500 sheets cassette, 1 multi purpose tray 100 sheets, Duplex standard

Paper Output: 2nd exit tray standard, 500 sheets face down, face-up exit (optional)

Emulations: IDOL, PCL5e, IBM Proprinter, Epson FX 80, TIFF, μ -PostScript

Optional: ZPL II, Datamax, EPL, IPDS

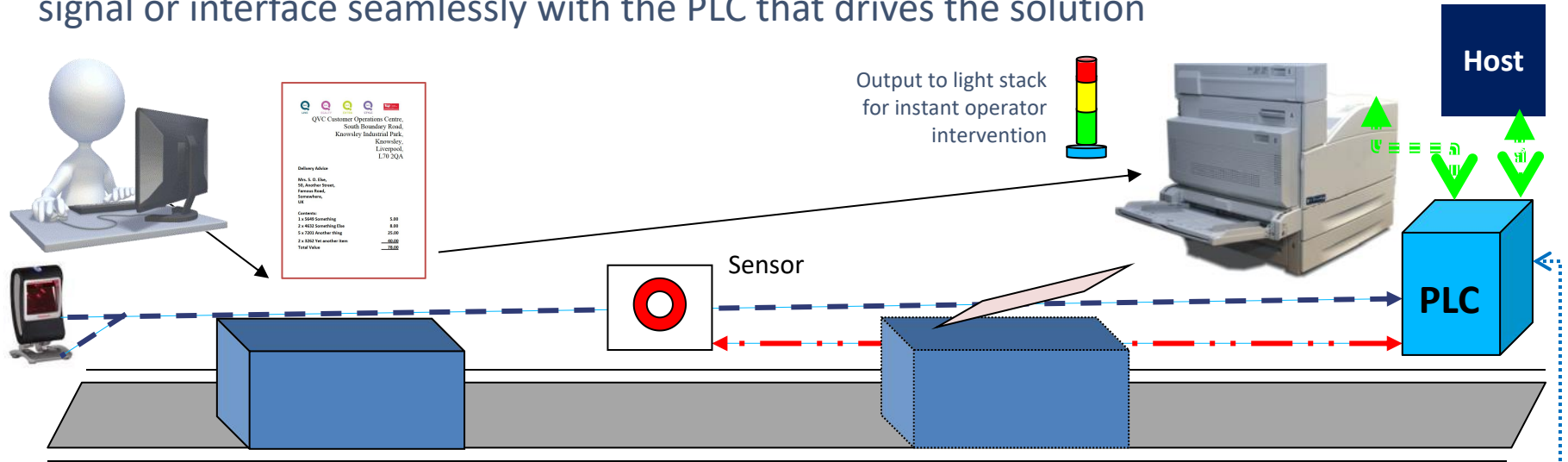
Barcodes: IDOL-Barcode I. IDOL – Barcode II

Interfaces: IEEE 1284, USB, RS 232/422, Ethernet



Product List - Cut sheet printers

SOLID 50A3-3 Applications – SPS/GPIO application to synchronise a printer to a remote signal or interface seamlessly with the PLC that drives the solution



The document is sent to the printer, the printer “holds” the document until it is triggered by the sensor, then the document is printed and delivered to the box (face-up if required).

Belt Controller

SOLID 50A3-3 Applications – ecommerce

Microplex and Inther work together to increase the speed of the ADA



When Inther approached Microplex for a faster cut sheet printer that could interface seamlessly with their robot applicator, Microplex were up to the challenge. Working closely with the Inther development team, the problem was studied and a solution was found that could enhance the Microplex SPS/GPIO standard connectivity with special firmware that gave Inther what they needed to take the ADA from working at 30% capacity to 70% capacity and maybe in the future even more although this is down to the safe speed of the conveyer system.



The solution was worked around the SOLID 50A3-3 machine which already delivered one page in less than three seconds but because of the complexity of the Inther requirement which needed multi-sheets and possible duplex printing in the solution. Also they required a “stacking” and a verification system before the document could be released, a deletion system within the print queue and other interesting requirements. All this has now been realised and provided the “print engine” for the Inther ADA, as a full packing line solution.

Product List - Cut sheet printers

SOLID 90A3 Specifications (105A3 & 120A3)

Print Technology Laser: OPC heat / pressure

Print Controller: MPC 3.6 INTEL ATOM D525, 1.8GHz

Print Speed: up to 90 pages/minute (A4) 105A3 -105ppm 120A3 – 120ppm)

First Page Out: approx. 5 seconds

Print Resolution: 600 dpi x 600 dpi

Duty Cycle: 4,800,000 (400,000 A4 per month over 5 years)

Environment Temperature: 10 - 30°C Relative humidity 8 – 80%

Power Consumption: 3.55KW

Interfaces: Serial USB 2.0, (RS232, RS422) Parallel: IEEE 1284

LAN: Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)

Memory: RAM: 2GB Flash: 50MB

Emulations: Microplex IDOL, HP-PCL5e/ HPGL, AGFA Reno, μ -Postscript, LN03+, BULL



Product List - Cut sheet printers

SOLID 90A3 range Applications – ecommerce

The solution



Microplex printers fit seamlessly and interactively into the system environment.

The complex dispatch document and invoice printing was realised and developed together with a well-known plant manufacturer. Within the plant, printers were installed, which meet all the requirements regarding all of the planned "real-time operation". The immediate choice for the production printing systems was the SOLID 90A3 from Microplex. This modularly expandable print system fulfils not only the technical prerequisites, but also jointly with the qualified sales and service partner SASS Datentechnik AG the requirements for service, support and system availability.

Product List – Continuous laser printers

SOLID F40 Specifications

Print Technology Laser: LED, OPC Xenon-flash lamp (Cold Fusing)

Print Controller: MPC 3.4 Intel CPU >2GHz

Print Speed: up to 40 pages/minute (A4 landscape), 2,000 LPM

Print Resolution: 600 dpi x 600 dpi

Duty Cycle: 18,000,000 (300,000 A4 landscape per month)

Environment Temperature: 10 - 30°C Relative humidity 30 – 80%

Power Consumption: 3 KVA (in operation)

Interfaces: USB 2.0

LAN: Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)

Memory: 4 GB RAM, up to 16 GB for downloading fonts and internal forms handling

Emulations: Microplex IDOL, HP-PCL5/ HPGL, AGFA Reno, μ -Postscript, LN03+, BULL-MP6090, Etimark MP-1220, TEC Bx72, TEC B6xx, Diablo 630,

IBM Proprinter EPSON FX-80, MT-600/MT40, IDS, ANSI Genicom, TIFF, XML, CUPS Raster



Product List – Continuous laser printers

SOLID F40 Applications – replacing a line printer



Replacement for the Epson and PRINTRONIX line printers utilising the same data stream when superior graphics and 2D barcodes are required to enable first time scans

Product List – Continuous laser printers

SOLID 60E-2 Specifications

Print Technology Laser: LED, OPC Xenon-flash lamp (Cold Fusing)

Print Controller: MPC 3.4 Intel CPU >2GHz

Print Speed: up to 60 pages/minute (A4 landscape), 2,000 LPM

Print Resolution: 600 dpi x 600 dpi

Duty Cycle: 18,000,000 (300,000 A4 landscape per month)

Environment Temperature: 10 - 30°C Relative humidity 30 – 80%

Power Consumption: 3 KVA (in operation)

Interfaces: USB 2.0

LAN: Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)

Memory: 4 GB RAM, up to 16 GB for downloading fonts and internal forms handling

Emulations: Microplex IDOL, HP-PCL5/ HPGL, AGFA Reno, μ -Postscript, LN03+, BULL-MP6090, Etimark MP-1220, TEC Bx72, TEC B6xx, Diablo 630,

IBM Proprinter EPSON FX-80, MT-600/MT40, IDS, ANSI Genicom, TIFF, XML, CUPS Raster



Product List – Continuous laser printers

SOLID 60E-2 Applications – event ticket overprinting



Short or on-demand runs for security overprinting for event tickets without destroying the built in security, i.e. the holograms, or the customer can print on a background colour or stripe, or encrypted 2D Datamatrix codes



Product List – Continuous laser printers

SOLID 85E Specifications

Print Technology Laser: LED, OPC xenon flash lamp with halogen preheat

Print Controller: MPC 3.4 Intel CPU >2GHz

Print Speed: up to 85 pages/minute (2 up A4 portrait), 3,000 LPM

Print Resolution: 600 dpi x 600 dpi

Duty Cycle: 45,000,000 (750,000 2up A4 portrait per month)

Environment Temperature: 15 - 30°C Relative humidity 30 – 80%

Power Consumption: max. 5.5 KVA (in operation)

Interfaces: Serial USB 2.0

LAN: Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)

Memory: 4 GB RAM, up to 16 GB for downloading fonts and internal forms handling

Emulations: Microplex IDOL, HP-PCL5/ HPGL, AGFA Reno, μ -Postscript, LN03+, BULL-MP6090, Etimark MP-1220, TEC Bx72, TEC B6xx, Diablo 630,

IBM Proprinter EPSON FX-80, MT-600/MT40, IDS, ANSI Genicom, TIFF, XML, CUPS Raster



Product List – Continuous laser printers

SOLID F140 Specifications

Print Technology Laser: LED, OPC xenon flash lamp with halogen preheat

Print Controller: MPC 3.4 Intel CPU >2GHz

Print Speed: up to 140 pages/minute (2 up A4 portrait), 5,000 LPM

Print Resolution: 600 dpi x 600 dpi

Duty Cycle: 45,000,000 (750,000 2up A4 portrait per month)

Environment Temperature: 15 - 30°C Relative humidity 30 – 80%

Power Consumption: max. 4 KVA (in operation)

Interfaces: USB 2.0

LAN: Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)

Memory: 4 GB RAM, up to 16 GB for downloading fonts and internal forms handling

Emulations: Microplex IDOL, HP-PCL5/ HPGL, AGFA Reno, μ -Postscript, LN03+, BULL-MP6090, Etimark MP-1220, TEC Bx72, TEC B6xx, Diablo 630,

IBM Proprinter EPSON FX-80, MT-600/MT40, IDS, ANSI Genicom, TIFF, XML, CUPS Raster



Product List – Continuous laser printers

SOLID 85E & SOLID F140 Ricoh Replacement



RICOH
InfoPrint Manager



On 1st July 2020, we carried out various tests for a customer project at Microplex Printware AG in Varel. The aim of the test was to connect the Ricoh InfoPrint Manager (IPM) to the SOLID 85E and SOLID F140 continuous laser printer from Microplex. The tests were successful and the printed samples of the PDF and AFP customer files were passed on to our customer.

Product List – Continuous laser printers

SOLID 85E & SOLID F140 Applications – security voucher overprinting



Security overprinting for vouchers, redeemable coupons

Product List – Continuous laser printers

SOLID 58E MICR Specifications

Print Technology Laser: LED, OPC, heat/pressure fixing

Print Controller: MPC 8.x

Print Speed: up to 58 pages/minute (2 up A4 portrait)

Print Resolution: 600 dpi x 600 dpi

Duty Cycle: 18,000,000 (300,000 based on 12" x 17" per month)

Environment Temperature: 15 - 30°C Relative humidity 25 – 55%

Power Consumption: max. 7.5 A

Interfaces: USB 2.0

LAN: Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)

Memory: 4 GB RAM, up to 16 GB for downloading fonts and internal forms handling

Emulations: Microplex IDOL, HP-PCL5/ HPGL, AGFA Reno, μ -Postscript, LN03+, BULL-MP6090, Etimark MP-1220, TEC Bx72, TEC B6xx, Diablo 630,

IBM Proprinter EPSON FX-80, MT-600/MT40, IDS, ANSI Genicom, TIFF, XML, CUPS Raster



Product List – Continuous laser printers

SOLID 58E MICR Applications – Cheque Printing



On demand cheques printing in MICR with 2D barcodes for added security

Product List – Thermal printers

The entry level the logiJET range

LogiJET T4-2



Has other thermal printer emulations as standard

LogiJET T6-2



300 DPI for high quality text and grade “A” barcodes

Will work within a temperature range of +5° to +35°

Robust metal casing

Easy media loading

USB, Parallel, Serial 232/432 and Ethernet standard connectivity

LogiJET T8-3



laser emulations (PCL5e) and WIFI optional

Auto-switch power supply 110/240v, 50/60 Hz

Production/automotive – Thermal Printer Integration Application

Customer requirements:

Replace existing printers; flexible deployment of new integration applications; easy updates like Labelpoint, IGP, ZPL, PDF and most importantly the authentication protocol IEEE802.1x

Customer benefits:

- › **Flexible:** thermal transfer and thermal direct both possible
- › **Easier** and simultaneous exchange of printer groups possible via network configuration
- › **A safe investment:** due to the controller update facility, the printer always remains up-to-date, even for future demands



- › The Microplex solution:
LogiJET T8-3

Product List – Thermal printers

The heavy-duty SOLID range

SOLID T4-2



SOLID T6-2



SOLID T8



SOLID 45ET



300 DPI for high quality text and grade “A” barcodes
High speed 16” per second
Will work within a temperature range of +5° to +35°
Robust metal casing
Easy media loading
USB, IEEE 1284, Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP)
Laser and other thermal printer emulations as standard
Ribbon save standard

Product List – Thermal printers

Applications – customer: one of the largest discounters in Europe

Their need was to print onto heavy continuous yellow or red card with variable pricing data, then it needed to be cut after the printing had taken place to variable lengths. The machines had to be reliable and work in a distribution warehouse.



SOLID T6-2



SOLID T8



**BAKED BEANS
250g**

23p per tin

Solution: The SOLID T6 & T8 with upgraded feed roller and special heavy duty cutter.

Product List – Thermal printers

Applications – customer: a large supplier to the newspaper industry (top sheet printing for the newspaper industry)

Their need was for a printer that could work continuously without paper jams at speed and be loaded with paper while it was running, it must also be interfaced with a packing line so the printed information could be synchronised and delivered to the correct stack. An additional requirement was that the barcode was to be of high enough quality so it could be read through polythene, the printer also had to fit within an existing packaging line and have easy access to the paper loading and control panel.

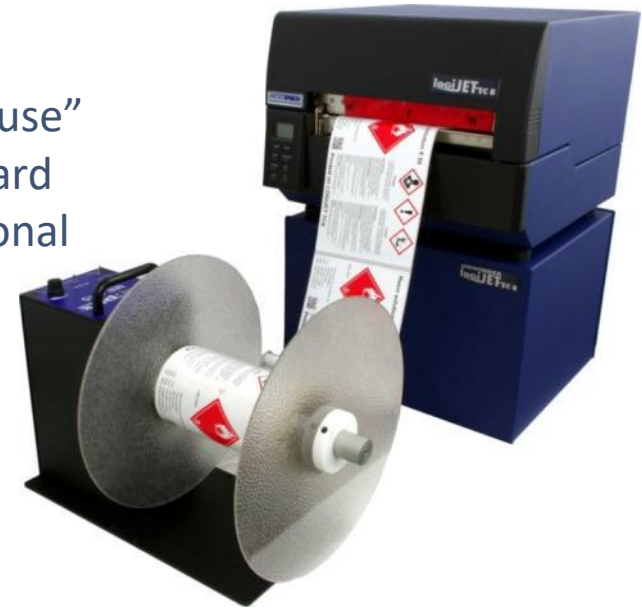


Solution: The modified SOLID 45ET-2 met all the requirements including the high speed requirement of the first page out (2-3 seconds) to match their production.

Product List – Thermal printers

logiJET TC8 two colour thermal printer

Especially introduced for the “in house” production of GHS Compliant hazard warning labels complete with optional unwinder and rewinder



Product List – Thermal printers

logiJET TC8 Applications

GARDOBOND CU 7650

Material no.: 120138603	Net weight: 25 KG	Batch: 0404007704	MHD / Expiry: 05 / 2013	Made in France
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Conservar à uma temperatura inferior a 40°C. Conserve dans un endroit sec. Keep at temperature below 40°C. Keep in a dry place. Bei Temperaturen unter 40°C aufbewahren. Trocken aufbewahren. Conservar a temperatura inferior a 40°C. Conservar em lugar seco. Store at temperature below 40°C. Store in a dry place. Conservare a temperatura di sotto ai 40°C. Tenere in un luogo asciutto. Bewahren bei einer Temperatur unter 40°C. Observe bei temperature under 40°C. Observe in a dry place. Store at temperature below 40°C. Store in a dry place.

FR Contient / Sulfato de Cobre / Sulfato d'átain. **EN** Contains: Copper Sulphate / Tin sulphate. **DE** Enthält Kupfersulfat / Zinnsulfat. **ES** Contiene: Sulfato de Cobre / Sulfato de estaño. **PT** Contém: Sulfato de Cobre / Sulfato de estanho. **IT** Contiene: Solfato di Rame / Solfato di stagno. **NL** Bevat: Kopersulfat / Zinsulfat. **DK** Indeholder: Kobbersulfat / Zinnsulfat. **FI** Sisältää: Kuparisulfatti / Zinnsulfatti. **NO** Inneholder: Kobbersulfat / Tin sulfidat.

**Attention
Warning
Achtung
Atención**

**Atenção
Attenzione
Waarschuwing**

**Advarsel
Varoitus
Advarsel**

ADR/RID : 9, III Labels: 9 UN3077	
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Resin solution X 50

MICROPLEX Printware AG Panzerstraße 5 26316 Varel www.microplex.de

Danger

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.

Gefahr

Ist ärztlicher Rat erforderlich, Verpackung oder Etikett bereithalten. Vor Nichtinhalation durch Kinder. Vor Gebrauch Etikett lesen.

UN1263

3

Printed on MICROPLEX F36

Product List – Thermal printers

The mobile logiJET range



logiJET TM4

logiJET TM8

Direct thermal only

Microplex latest additions to the range – mobile printer solutions designed for fork lift truck or cab applications

Available in 4 or 8 inch print widths

Microplex controller – PLC5e optional
WIFI Optional

24v power

TM4 available now

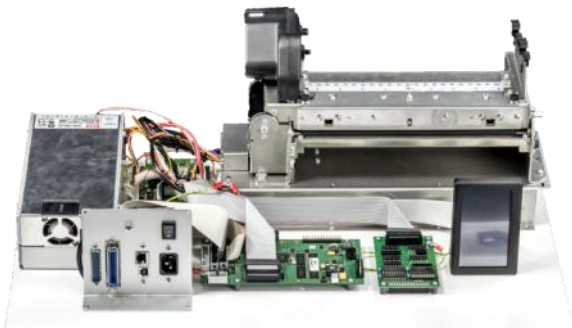
TM8 available also available now!









Technical brochures available

Product List – Thermal printers

New – PMT8 Thermal Print Engine with Controller

- Integration into production solutions
- Individual adaptation to customer systems
- Location independent installation in plants
- Microplex Multi-Intelligence Controller
- 300dpi print head

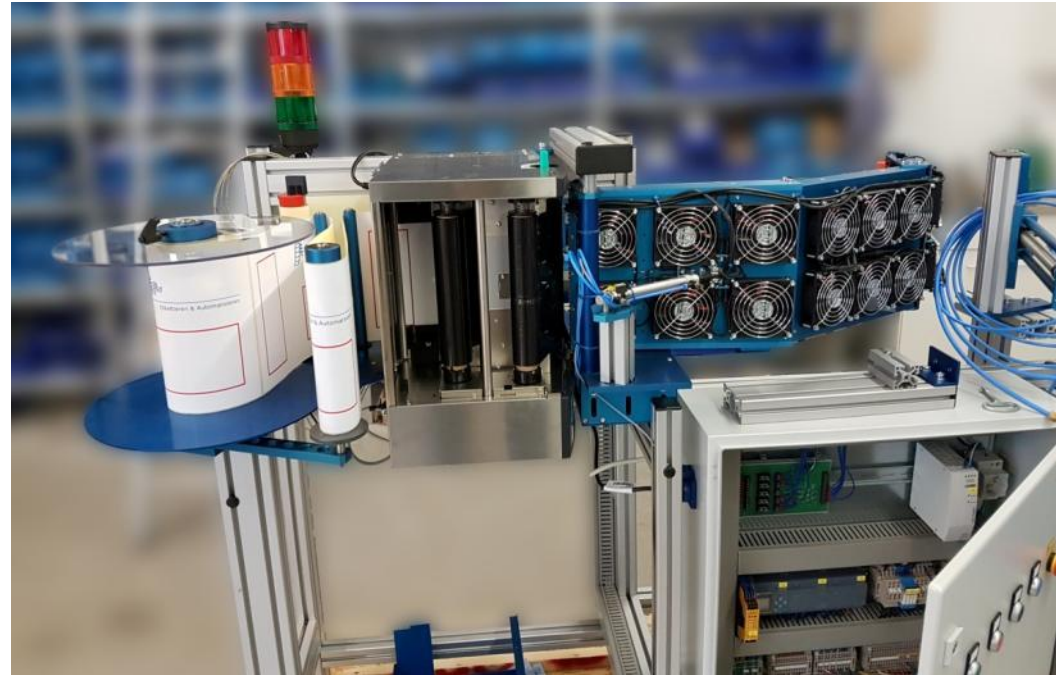


 MICROPLEX Printware AG 10709 Berlin Tel.: +49 30 4431 9129-0 E-Mail: info@microplex.de www.microplex.de		 Druckmuster Thermodruck	
(Umfeldnummer) Nr. (U) LS08154711		(Umfeldnummer) Nr. (U) MICROPLEX AG/ 26316/ Werk 1	
		(Gewicht) (G) 1768 kg	(Anzahl) (A) 16
(Umfeldnummer) (U) 081547111234567890			
(Umfeldnummer) (U) 154712 ST		(Umfeldnummer) (U) Industriedrucksystem 1	
		LG1234561	
(Umfeldnummer) (U) 0815471112			
		(Umfeldnummer) (U) 24.11.2016	
(Umfeldnummer) (U) 1234567890		(Umfeldnummer) (U) Release 2	
			
(Umfeldnummer) (U) CH2345346781			

Product List – Thermal printers

New – PMT8 Thermal Print Engine with Controller

A typical installation where the 8" print engine could be used for an A4 label in an online applicator



Product List – Thermal printers RFID

RFID Applications – Microplex have many RFID Applications

Utilising the LogiJET T4-2 RFID, LogiJET T6-2 RFID and the LogiJET TM8 RFID

Microplex have realised applications for many blue-chip companies in warehousing and logistic operations.

Frequency Range

865.600-867.600 (ETSI EN 302 208)

RF Power

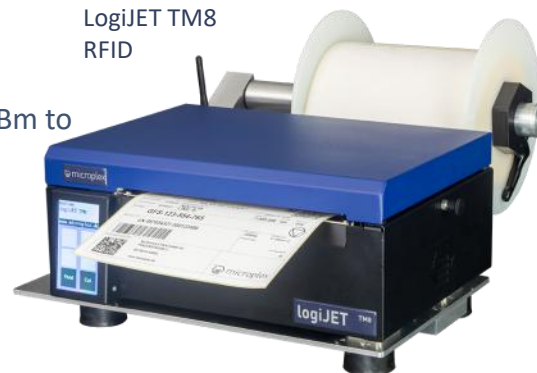
programmable in 15 levels (1dB step) from 9dBm to 23dBm (from 8mW to 200mW) conducted

Standard Protocols EPC C1 G2 / ISO18000-6C

Features read/write/verify (void)

Registration of antenna position

automatic (depending on antenna design)



LogiJET TM8
RFID



LogiJET T4-2
RFID



LogiJET T6-2
RFID

Product List – Emulations Laser Printer

Standard: MICROPLEX IDOL, HP LaserJet (PCL 5/HPGL), AGFA Reno, LN03+, BULL-MP6090, Diablo 630, Epson FX (ESC/P), IBM Proprinter, MT-600/MT40, IDS, TIFF (CCITT group 4), μ Postscript, Etimark MP-1220, TEC Bx72, TEC B6xx, IDS, ANSI Genicom, XML, CUPS Raster, RFM

Optional: Barcode 2, CODE-V, XEROX XES, KODESCRIPT+, Kyocera Prescribe, ZPL II*, EPL 2*, Intermec Direct Protocol*, IER Command*, Godex EZPL*, Datamax (FGL)*, cab*, HP Designjet*, IPDS (via PPD/PPR Protocol), Printronix IGP-10 IGP/PGL, Labelpoint, LDC*, HP DesignJet (HPGL-2)*, PDF Direct Print**, AEA, AFP, Status-Out

More emulations on request

*Standard for SOLID 52A4 (MICR)

** only available for MPC 3.4, MPC 7.x and MPC 8.x

Product List – Emulations Thermal Range



Standard: MICROPLEX IDOL, HP LaserJet (PCL 5/HPGL)*, AGFA Reno, LN03+, BULL-MP6090, IGP-10**, IGP/PGL**, Datamax (FGL), Diablo 630, Epson FX (ESC/P), IBM Proprinter, MT-600/MT40, IDS, TIFF (CCITT group 4), Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, cab, Godex EZPL, ZPL II, EPL 2, Intermec Direct Protocol, IER Command, IDS, ANSI Genicom, HP Designjet, XML, CUPS Raster

Optional: Barcode 2, μ Postscript, CODE-V, XEROX XES, KODESCRIPT+, Kyocera Prescribe, IPDS (via PPD/PPR Protocol), AEA, AFP, RFM, Labelpoint, PDF Direct Print***, Status-Out

More emulations on request

* *only standard for SOLID Thermal Range & logiJET TC8*

** *only standard for logiJET Thermal Range*

*** *only available for MPC 3.4, MPC 7.x and MPC 8.x*

Product List – Status Out

Status Out reports back every correctly printed document

The firmware function "Status-Out" provides the possibility to get information on the printer status (paper jam, offline, paper end, etc) as well as on the print job process (idle, busy, page printed, etc) from the printer. This function was developed to get more detailed information of a printer connected to a remote computer.

The messages are sent to the host via a status channel (V.24 or via port 9200) which is independent from the data channel. Alternatively the messages are sent directly via the data channel to the host. The settings are configurable (EEPROM Parameter).

Two modes are available. In the first one some messages will be sent to the host automatically. Using the second mode the operator may "ask" the printer via IDOL commands about the current status.

Product List – Status Out

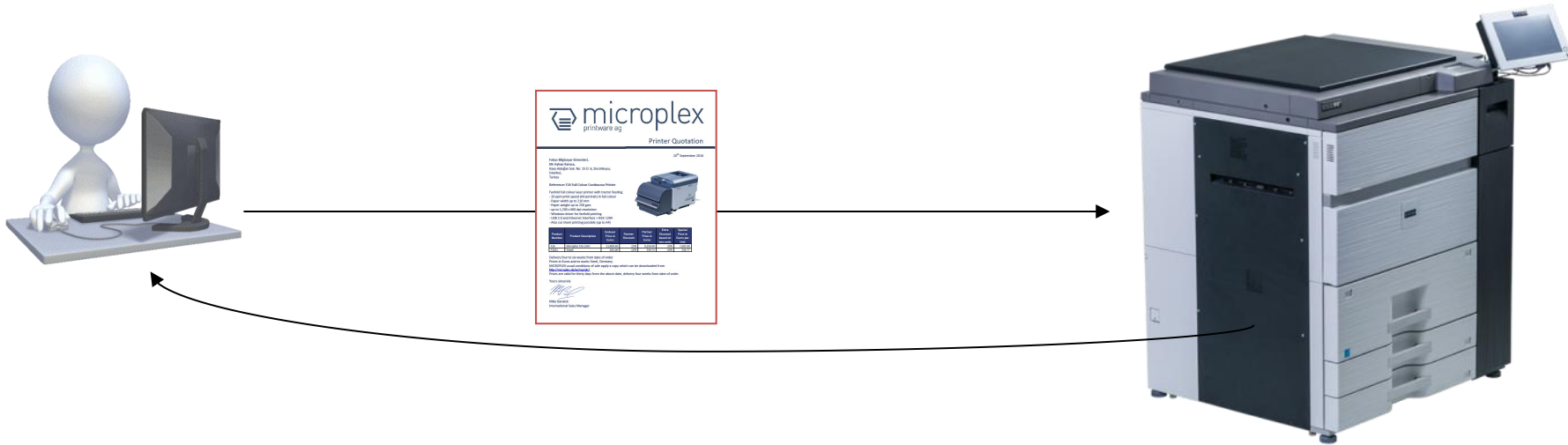
Status Out reports back every correctly printed document

Machine Status Messages (Error Messages)			Warning Messages		
OFFLINE	ONLINE	(no error)	Cover Open	Paper Tray Full	unknown status
Toner Empty	Paper Jam	Paper End	Warming Up	Toner Low	Load Paper
Cover Open	Waste Toner Bottle Full	Service Call	Drum Near End	!! UPDATING !!	Power Saving
Paper Tray Full	Format Error	Finisher Error	Fuser Lifetime	StopByExt.Dev	Develop. Lifetime
Finisher Error	Cartridge RFID Error		Maintenance		

Available Languages: German, English, French and Spanish

Product List – Status Out

= **Status Out** – hand shake and talk back



Status Out reports back every correctly printed document ensuring 100% security regarding printed documentation and much more.

Product List – GPIO

GPIO Option for Microplex Printers

The firmware function “GPIO” is a hardware interface that consists of an additional electronic board which provides eight inputs/output channels and status channels of the printer.

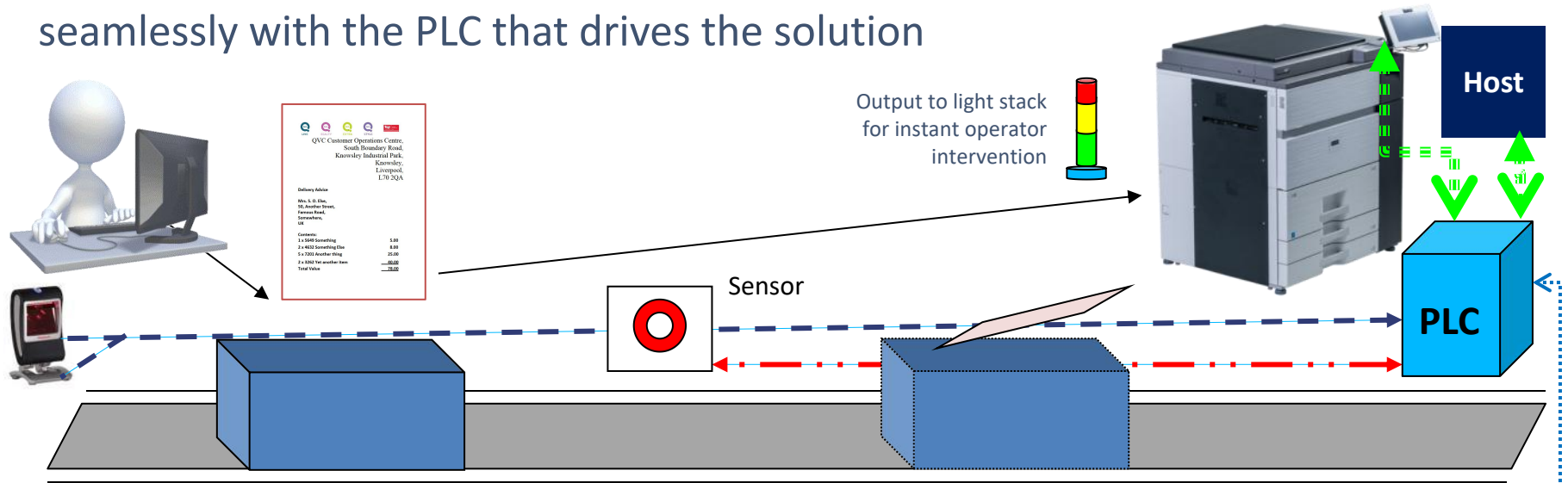
The inputs/outputs can be connected to a PLC (Programmable Logic Board) on a production or packing line which can control the print requirement, interface with a robot or a barcode reader on the line hence providing total integration and control. i.e. A real handshake between the printer and post processing can be realised.

GPIO provides the customer with an intelligent and cost effective solution to eliminate the weak point within printer integration into such complex production solutions.

The Microplex way not only the easy way but the safest way!

Product List – GPIO

GPIO Option application to synchronise a printer to a remote signal or interface seamlessly with the PLC that drives the solution



The document is sent to the printer, the printer “holds” the document until it is triggered by the sensor, then the document is printed and delivered to the box (face-up if required). This solution is secure as it ensures that the correct document is delivered to the correct box although sometimes a further barcode scan takes place.

Belt Controller

Product List – GPIO

Integration – utilising Status Out and GPIO

Working directly with either the solution provider, the conveyor manufacturer, the robot integrator or the end customer, Microplex have the ability to develop and realise the solution that the customer is looking for.

Microplex frequently work to a “project definition” that clearly states the actual requirements of the solution whether it is a simple interface with the PLC or more complicated integration that actually needs further development on the controller, one of our main strengths is to realise this to the customer’s satisfaction.

Microplex can turn a dream or a “wish list” into a reality!

Thank you

Mike Barwick
International Sales Manager
July 2021



PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY

