microplex
printware

SOLID 45ET

Ideal for:

- Stickers, labels and tags
- Workflow documents
- Real-time or batch processing
- Top sheet printing

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- Fast interruption-free printing or two formats with optional Dual Tractor system
- Completely trouble-free paper handling
- First page after just 2 seconds
- Up to 45 pages per minute
- SAP and AS/400 compatible through PCL5 + JetCAPS as well as LAN-IPDS
- Compatible with standard laser printers

MAXIMUM PERFORMANCE
FOR SMOOTH PRODUCTION
AND LOGISTICS PROCESSES

SOLID 45ET

The SOLID 45ET is a robust 8-inch production thermal printer, designed for toughest demands. Its sophisticated paper tractor feed system is constructed for highest functional reliability and for secure, trouble-free paper feeds at all times. PCL5 ensures compatibility with all standard laser printers and connection to SAP. The rapid start-up time, fast printing speed and reliable paper feed at all times predestine the SOLID 45ET for smooth integration in demanding logistics and production processes. The optional 'Dual tractor' system allows for fast, interruption-free printing – or for printing on two different media types.

SOLID 45ET

Print Engine

Print technology	Thermal transfer/direct thermal harmonic (history-controlled near-edge print head) MPC 5.3 with Intel
Controller	XScale PXA 255 (400 MHz RISC processor)
Print speed	up to 45 pages/min
Print resolution	300 dpi x 300 dpi
Lifetime print head	Transfer: up to 50,000 m
Power supply	110 / 240V autoselect
Power consumption	3.2 A
Dimensions (WxDxH)	17.7 in x 19.3 in x 12 in / 450mm x 490mm x 305 mm
Weight	57 lbs / 26 kg
Environment temperature	41 - 95°F / 5 - 35°C
Relative humidity	45 - 75 % (rel., non-condensing)
Interfaces	Serial: USB, RS232, RS422
	Parallel: IEEE 1284
	LAN. Ethernet-Interface
	10/100 MBit, bi-directional (TCP/IP) RAM: 64 MB
Memory	Flash: 16 MB

MPC 5.3 High-End Print-Controller

Emulations

MICROPLEX IDOL, HP-PCL5/ HPGL, AGFA Reno, LN03+, BULL-MP6090, Datamax (FGL), Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPL II, EPL2, UBI Fingerprint, IER Command, Godex EZPL, Diablo 630, IBM Proprinter, Epson FX-80, MT-600/MT40, IDS, ANSI Genicom, TIFF, HP Designjet, XML (SAP RFID), CUPS Raster

Optional Emulations

µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP-10, Datamax Labelpoint, IPDS, AEA, AFP, RFM (more emulations on request)

Barcodes

QR Code, EAN 8, 13, 128, add on, 2/5 3-stroke Datalogic, 2/5 3-stroke Matrix, Codabar, PDF 417, Royalbar, Planet, Jetcaps (HP/SAP), Code 39, 128 MSI, UPC A, E, Postnet, KIX, USPS One Code

Optional Barcodes

USD5, Aztec-Code, UPS-Maxicode, Datamatrix (more barcodes on request)

Additional functions	Intelligent barcode generation on-the-fly in the printer
Format splitting	in several subformats by command
Ribbon Save Mode	active from 12 mm unprinted length, to save ribbon

Optional functions

Integrated form management
up to 12 MB flash for forms and fonts inside the printer

Status-Out
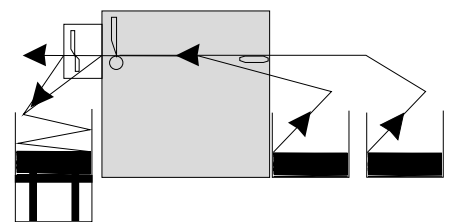gives notice of each correctly printed page via interface

SPS-Control (EMBEDDED INTELLIGENCE - Enabling two-way communication between printer and a PLC)
integration of the printer into production lines is possible, controlled by SPS-interface.

SPECIFICATIONS

Printable Media

Size

Width	110 - 240 mm width printable width 213 mm
Weight	max. 120 g/m² at suitable quality up to 160 g/m²
Paper thickness	0.2 - 0.9 mm
Thermal transfer	
ribbon	roll diameter max. 90 mm
core diameter	1 inch (25.4 mm)
ribbon length	max. 600 m
Coated side	inside
Ribbon width	40 - 217 mm

Paper Path

Input
Continuous
internal from roll, external, e.g. fanfold

Optional
dual tractor version as factory option (SOLID 45ET-2)
sensor for backside marking

Optional
Single / Job   cutter

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY

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