



TECHNICAL DATA

Printer Specification

Technology:	serial impact dot matrix
Printhead:	24 wires, 0.25 mm (0.01 inch) needle diameter; life time 400 million characters
Print mode:	Data (DQ), Near Letter (NLQ) and Letter Quality (LQ)
Print format:	136 characters at 10 cpi
Ribbon:	XXL nylon ribbon cassette, black (up to 30 million characters)
Dimensions:	740 x 370 x 325 mm (WxDxH) (29.6 x 14.8 x 13 inches)
Weight:	~ 28.5 kg (62 lb)
Diagnostics:	selftest, hexdump, remote diagnostics via interface
Operator Panel:	16 digit LCD display, trilingual (German, English, French)
Rated voltage:	200-240 V, 50-60 Hz (optionally 100-125 V, 50-60 Hz)
Power input:	120 W, 20 W standby
Environmental temperature:	operating: +10 to +35 °C (+50 to +95°F) 20 to 80% rel. humidity storage: -40 to +70 °C (-40 to +158°F) 5 to 85% rel. humidity
Noise level:	55 dB(A) acc. to ISO 7779
Agency approvals:	VDE/GS, UL, C-UL, CE, FCC-B

Performance

Print speed: (at 10 cpi)	mode	cps	mode	lpm
	DQ:	700	DQ: 40 characters per line	510
	NLQ:	350	DQ: 60 characters per line	430
	LQ:	175	DQ: 80 characters per line	370
Throughput: (ECMA 132, letter, 1-ply)	mode	fanfold (at 10 cpi)		
	HSD:	762 pages per hour		
	DQ:	750 pages per hour		
	NLQ:	520 pages per hour		
	LQ:	320 pages per hour		
Duty cycle:	typical 40,000 pages per month			
MTBF:	10,000 hours at 30% duty cycle			

Paper Handling

Paper paths:	flatbed technology, 2 inputs for fanfold paper, 1 output for fanfold paper, paper path selectable via software or operator panel
Paper input:	two independent, easy to plug-in tractor cassettes for fanfold paper; push tractor with park position to the rear with zero tear-off
Paper output:	
Paper weight:	formsets up to 350 g/ m ² (14 oz/ m ²), 60 to 90 g/m ² (2.4 to 3.6 oz/ m ²) per sheet; single-layer up to 240 g/m ²
Paper width:	4 to 16 inch (100 to 400 mm)
Form feed speed:	20 inch/second; 25 ms per line feed
Automatic GAP Control (AGC):	optimizes automatically the distance between print head and paper according to paper thickness
Paper run control:	allows unattended printer operation
Copies:	1 original + 5 copies, maximum paper thickness 0.5 mm (0.02 inch)

Connectivity**PERSONALITY MODULE SER/PAR/USB**

Interfaces:	parallel IEEE 1284, serial RS-232 (DSUB 9), USB 2.0
Emulations:	IBM Printer XL24 (AGM), Epson LQ 2550/1060, ESC/P2
Buffer:	selectable up to 176 KByte
Character sets:	ISO 8859/1, ISO 8859/9, 8859/15; IBM Set 1/Set 2 into 14 national versions; IBM Code Pages 437, 850, 852, 857, 858, 860, 863, 865; Epson Ext. Char. Set in 15 national versions; Eastern European character sets 771, 773, 774, 775, 1125, 1251; Baltic RiM, Greek, CZ, HUN, Russia, Win Lat 2
Fonts:	Draft quality: Data and Data Large; Near letter and letter quality: Courier, OCR-A, OCR-B, Orator, Prestige, Roman, Script, Sans serif bold, italic, shadow, outline, double strike, underline, double underline, overline, strike through, sub/superscript, double to octuple, for Data Large 99-fold size
Pitches:	10, 12, 15, 17.1, 18 and 20 cpi, proportional
Line spacing:	2, 3, 4, 6, 8, ... 360 lpi
Barcode:	EAN 8, EAN 13, UPC-A, UPC-E, Postnet, KIX Code, Code 39, Code 93, Code 128 (incl. EAN 128), Codabar, 2 of 5 industrial, 2 of 5 interleaved, and MSI Mod 10/10 (horizontal or vertical)
Graphics:	360 x 360 dpi max. (uni-/ bidirectional)
Macros:	parameter settings for up to four individual printer configurations, selectable via software or operator panel

PERSONALITY MODULES

Emulations Interface	
IBM/Epson:	Serial/Parallel/USB or Serial/Ethernet/USB
IPDS:	Ethernet
IBM-IGP 10/20/40:	Parallel or Ethernet
HP 2934/2235:	Serial/Parallel/USB or Serial/Ethernet/USB
Genicom:	Serial/Parallel/USB or Serial/Ethernet/USB
Stringchange:	Parallel or Ethernet

Printer drivers for Windows and SAP R/3 device types are available for download at <http://www.psi-matrix.eu>

Options

Tractor Cassette:	Additional tractor cassettes for quick exchange of loaded media.
Printer Stand:	Dimensions: 635 x 660 x 840 mm (WxDxH), weight: approx. 25 kg (55 lb)
Stacker Option:	System to be integrated into the stand for orderly stacking of fanfold paper, capacity: ~ 2.000 pages
Sound Cover:	For an optimal sound insulation in application with the Printer Stand, dimensions: 910 x 575 x 420 mm (WxDxH), weight: approx. 33 kg
Sound Cabinet:	Replacement of Printer Stand and Sound Cover, dimensions: 900 x 715 x 1.150 mm (WxDxH), weight: approx. 80 kg
Schalldämmkit:	Zur Reduzierung des Geräuschpegels um 75%

(*) LPM = Lines per Minute

This is only an extract of the product specification. For a detailed specification it is referred to the comprehensive product documentation. Specifications are subject to change without notice. All registered trademarks are the property of their respective companies.

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