Compuprint

MDP*4O*B

MDP*4O*T *plus*

The Compuprint MDP 40 series are designed to handle all front-office transactional applications. They represent the ideal solution for banks, Post Offices, Travel Agencies and other organizations requiring specialized printing solutions.

Value and Features

- Printing speed reaching 600 cps
- Auto-alignment system to eliminate any skew in paper feed
- Auto paper border detector system to guarantee the printing accuracy
- Auto-gap adjustment system to continuously measure paper thickness
- Innovative Setup procedure for easy and quick printer configuration

Double the productivity at the counter

The Compuprint MDP 40, intelligent document handling coupled with its robustness and reliability, significantly improves the performance in front-office environment thanks to the innovative Auto Alignment, Auto Border Recognition and Automatic Gap Adjustment function. Compuprint MDP 40 is the fastest front-office printer (600 cps in draft mode at 15 cpi) and works at a remarkable low noise level (below 54 dBA). The durable long-life ribbons and print-head are unmatched in printers of this range and provide million of characters of prime quality and a lower cost of ownership.

Able to write, able to read

Many applications can also take advantage of the optical mark reading. Now it is possible to identify the forms, tickets or modules inserted. Checking the marks, the printer recognizes the inserted print media and consequently starts the printing. Moreover, the Compuprint MDP 40 printers set-up could not be easier thanks to its unique and innovative set-up procedure. An optical reader recognizes the set-up from an instructions sheet manually marked. This module can be faxed to other branches, where it can be used also by not skilled personnel for immediate set-up of the printers.

Compuprint MDP 40 is an innovative family of printers designed for all front-office applications where the key requirements are the capability to print on special media (passbooks, tickets, multi-copy/multi-thickness documents, cheques, etc.). Compuprint MDP 40 satisfies typical needs of Bank branches as well as Post Offices, Public Administration, Travel Agencies, Health Care and Transportation companies.

Compatibility

The printer provides Epson and IBM protocol emulation. Integration with the workstation software environment is straightforward since compatibility exists with standard Printer Drivers provided by most popular Operating Systems (Windows® 3.1x - 95 - 98 - 2000 - NT and Unix AIX). The special features are activated by standard printer emulation without any additional specific commands.

Printing Technology	**Print head:** 24 pin
	Resolution: 360x360 dpi (HxV)

Printing speed	**MDP40 B/C**	**15 cpi**	**12 cpi**	**10 cpi**	**MDP 40T** *plus*	**15 cpi**	**12 cpi**	**10 cpi**
	Draft	600 cps	480 cps	400 cps	**Draft**	480 cps	420 cps	350 cps
	LQ	200 cps	160 cps	133 cps	**LQ**	175 cps	140 cps	117 cps

Line Length (@ 10 cpi)	**Cut sheets:** 94 columns, **Fanfold:** 80 columns (MDP 40T *plus*)
Special functions	Automatic Gap Adjustment (AGA), Auto Alignment, Auto Border Recognition, Optical Mark Reading, Passbook Handling (MDP 40B and C models)
Paper Handling	1 + 5 copies, thickness up to 0.65 mm ((MDP 40B)
	1 + 7 copies chemical paper, 1 + 8 copies carbon paper (MDP 40T *plus* only)
	Passbook: maximum thickness, while open, up to 1.8 mm (MDP 40B)
Single Sheet Dimensions	**Length:** min. 68.6 mm - max. 711.2 mm
	Width: min 70/90 mm (manual alignment/automatic alignment) - max. 240/226 mm (single sheet/multicopy)
Fanfold Dimensions	**Length:** min. 68.6 mm (MDP 40T *plus*)
	Width: min. 76 mm - max. 242 mm (MDP 40T *plus*)
Barcodes	UPC/A, UPC/E, EAN8, EAN13, Code 39, Code 128, Postnet, Codabar, ADD-ON 2, ADD-ON 5, Code 11, Code 93, BCD, MSI, 2/5 Interleaved, 2/5 Matrix, 2/5 Industrial
Character set	PC standard set (CS1-CS2) - 13 National Epson set - CP437 (USA) - CP437G (Greek) - CP850 (Multilanguage) - CP851 (Greek) - CP852 (Latin 2) - CP853 (Turkish) - CP855 (Russian) - CP857 (Turkish) - CP858 (Euro) - CP860 (Portuguese) - CP862 (Hebrew) - CP863 (French/Canadian) - CP864 (Arabic) - CP865 (Norwegian) - CP866 (Cyrillic) - CP867 (Turkish) - CP876 (OCRA) - CP877 (OCRB) - CP1250 (Central Europe) - CP1251 (Cyrillic) - CP1252 (Windows Latin1 Ansi) - Gost - Tass - Mozawia - ISO 8859/1/2/3/4/5/6/7/8/9/15 - 96 GREEK - Ukranian - ID 12 - ID 14 - ID 17 - CP 1098 (Farsi Arabic) - Roman 8 - CP437 Slavic - Sanyo - Ku - Philip
	Olivetti Character Sets: CS000 - CS010 International, CS020 Germany, CS 030 Portugal, CS040 Spain, CS050 Denmark/Norway, CS060 France, CS070 Italy, CS080 Sweden/Finland, CS090Switzerland, CS100 Freat Britain, CS110 USA ASCII, CS140 Greece, CS150 Israel, CS170 Spain, CS200 Jugoslavia, CS410 Olivetti TCV 370, CS510 SDC, CS520 Turkey, CS540 CIBC, CS 680 OLI-UNIX, CS701 PC-220 Spain2, CS711 PC-Denmark/Norway, CS712 PC-Denmark OPE, CS771 PC-210 Greek
Resident font	Draft, Courier, Gothic, Prestige, Presentor, Script, OCR-A, OCR-B, Boldface
Emulations	IBM ® Personal Printer 2390+, Proprinter XL24E, Proprinter XL24E-AGM and Epson ® LQ 870
	IBM ® 4722, Olivetti ® PR40 plus/PR2/2845, IBM 9068 (MDP 40B only)
Interfaces	**Parallel:** IEEE 1284 bidirectional, **Serial:** RS-232 C (Automatic Interface Switching)
Memory	32 Kbytes buffer
Reliability	**MTBF:** 10.000 hours
Print Head Life	400 million characters
Ribbon life	Black ribbon cartridge: 4 million characters
Power Supply	**Tension:** 110V and 220V
	Frequency: 60Hz and 50Hz
Power consumption	120 W max. (printing), 10 W (standby)
Physical Dimensions & Weight	390 (W) x 210 (H) x 320 (D) mm - 14 Kg
Environmental Conditions	**Temperature:** working 5/40 °C, stock -25/60 °C
	Humidity: working from 20 to 85% (R.H.), stock from 10% to 90% (R.H.) (without condensation)
Standard	EN 60950, IEC 950
Environment	Energy Star compliant
Noise Level	54dbA (MDP 40B model), 55dbA (MDP 40T *plus*)

Printers and Supplies

MDP 40 B flat bed with passbook	PRT0419
MDP 40 T *plus* flat bed with fanfold	PRT0434
MDP 40 T *plus* (Bar code reader) f.b. + fanfold	PRT0435
6 black ribbons for MDP family	PRK4287-6

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Ordering Information