

The High Speed Fanfold Printer

CI-8090



- Heavy duty 24-pin dot matrix printer
- Flatbed technology using a printbar
- Performance:
 - 900 cps (10cpi)
 - 800 pages/hour
 - 40,000 pages per month
- Modular design:
 - 2 paper inputs
 - 1 paper output for fanfold paper
- Wide printing format up to 17.7 inches
- Ultra low cost per page
- Plug-in ribbon cassette with ribbon run control
- Network printer for all major host

The CI-8090 printer offers a professional solution for heavy duty, flexible, cost-effective printing. The rugged metal design, the paper and the ribbon run control allows the printer to operate unattended. With its proven connectivity concept, the CI-8090 is prepared for any network environment.

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PROFESSIONAL HIGH SPEED FANFOLD PRINTER

TECHNICAL DATA CI-8090

Printer Specification

Technology: serial impact dot matrix
Printhead: 24 pin, 0.25 mm needle diameter;
life time 400 million characters
Print mode: high speed draft (HSD), data (DQ), near letter (NLQ)
and letter quality (LQ)
Print format: 165 characters at 10 characters per inch (cpi)
Ribbon: cartridge nylon ribbon black, 30 million characters
auto ribbon run control
Dimensions: 734 x 280 x 295 mm (WxDxH)
(28.9 x 11.0 x 11.3 inch)
approx. 20 kg (43.5 lb)
Weight:
Diagnostics: self-test, hexdump, remote diagnostics via interface
Operator Panel: 16 digit LCD display, trilingual (German, English, French)
Keyboard: Membrane tactile type with Ready/Stop LED
Rated voltage: 100-240 V, 50-60 Hz
Power input: operating approx. 200 W, 40 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: approx. 53 dB(A) acc. to ISO 7779
Agency approvals: VDE/GS, UL, CE, FCC-B

Performance

Print speed: HSD: 900 cps NLQ: 430 cps
(10 cpi) DQ: 750 cps LQ: 216 cps
Throughput: HSD: 800 pages/hour
(ECMA 132, DQ: 760 pages/hour
fanfold, 1-ply) NLQ: 580 pages/hour
LQ: 370 pages/hour
(up to two copies)
Duty cycle: 40,000 pages per month
MTBF: 15,000 hours at 30% duty cycle

Paper Handling

Paper path: flatbed design; 2 paper inputs,
1 output for fanfold paper,
paper path selectable via software or
operator panel
Paper input: two removable tractor cassettes
Paper output: to the rear with zero tear off
Paper weight: 60 to 100 g/m²
formsets up to 350 g/m²
Paper width: 4 to 17.7 inches (450 mm)
Form feed: 20 inch/second;
Automatic Gap automatically optimises the print gap according
Control (AGC): to paper thickness
Copies: 1 original + 6 copies;
max. paper thickness 0.5 mm (0.02 inch)

Connectivity

STANDARD PERSONALITY MODULE (PM)

Interfaces: parallel Centronics and serial RS-232C/RS422, shared mode
Emulations: IBM Proprinter XL24 (AGM), Epson LQ 2550/1060/ESC/P2
Buffer: up to 64 KByte
Character sets: 130 8859/1, ISO 8859/15; IBM Set 1/Set 2 in 14 national versions; IBM
Code Pages 437, 850, 858, 860, 863, 865;
Epson Ext. Char. Set in 15 national versions;
Eastern European character sets optional
Fonts: draft quality: High Speed Draft, Data and Data Large;
Near letter and letter quality: Courier, Sans Serif, OCR-A,
OCR-B, Orator, Orator-C, Prestige, Roman, and Script
bold, italic, shadow, outline, double strike, underline,
Character attributes: 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
360 x 360 dpi max.
Graphics: parameter settings for up to four individual printer
Macros: configurations, selectable via software or operator panel

OPTIONAL PERSONALITY MODULES

Ethernet: Ethernet (10/100 Mbit)
Twinax IPDS: IBM Twinax and parallel
IGP: Standard PM with Printronix IGP 10/20/40 emulation
HP: Standard or Ethernet PM with HP2934/2235 emulations
DEC-ANSI: Standard or Ethernet PM with DEC -ANSI emulation

Printer drivers for Windows 3.x/95/98/NT 4.0 are available

Options

Printer stand: for handling of dual fanfold paper input
dimensions: 635 x 660 x 840 mm (WxDxH)
(25.4 x 26.4 x 33.6 inch);
weight: approx. 20 kg (43.5 lb)
Tractor - cassettes: If quick plug is required, additional tractor cassettes can be loaded
with paper to be paper. This is very helpful if different types of media
are used alternatively.

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