

Impact 4580



The Impact 4580 printers are rugged and powerful high speed matrix printers for heavy duty operation under the most extreme conditions. Reliable, heavy workload output is guaranteed for many years following printer purchase. The print is crisp, sharp, dark and absolutely legible, thanks to the 24 pin print head.

Low running costs and durability in the harshest of print environments make these products excellent value for money.

Highlights at a glance:

- Print speeds up to **1.000 cps**
- **Full range of automatic features** minimising operator intervention
- Straight through paper path for easy forms loading
- **Parallel and Ethernet (10/100BaseT)** standard.
- **Straight through paper path** for easy forms loading
- Compatible with a **wide range of operating systems**

These products are well matched to Microsoft Windows applications, and highly compatible with other host operation environments including legacy systems.

Fully automated operation, coupled with the 'straight through' paper path, allows ease of use and virtually eliminates errors caused by user intervention.

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Print Speed	1.000 cps (Fastest Draft); 800 cps (Draft), 222 cps (NLQ) at 10 cpi
Resolution	up to 360 x 360 dpi
Throughput (ECMA 132)	625 pages per hour
Character Density	5, 6, 7.5, 8.6, 10, 12, 15, 17.1, 20 cpi
Line Density	2, 3, 4, 6, 8, 12 lpi
Printhead Life	750 million characters
Memory	128 kB
Standard Connectivity	Parallel (Bi-directional) and Ethernet 10/100BaseT
Optional Connectivity	Serial RS232, Ethernet Multiprotocol, Ethernet with SCS or IPDS support, Coax with SCS or IPDS support, Twinax with SCS or IPDS support
Standard Emulation	IBM ProPrinter XL24, Epson LQ (ESC P/2), MTPL + Barcode + LCP IGP Version: IGP/PGL, Code V, MT660, Printronix P6000, HP2564C
Optional Emulation	PCL 3 (Rugged Writer)
Fonts	HS Draft, Draft, Courier, Roman, Sans Serif, Prestige, Script, OCR-A/B, 23 Barcodes and large character printing
Character Sets	Arabic Farsi,CP437 Latin US,CP864 Arabic,CP864 Arab.Extended,CP1252 Win Latin 1, CRO-ASCII,Arabic Urdu,Greek DEC,Greek ELOT 928,CP737 Greek,CP850 Latin 1, CP851 Greek, CP852 Latin 2,CP857 Turkish, CP858 (IBM with €),CP680 Portugal, CP861 Icelandic,CP863 French Canada, CP865 Nordic,CP866 Cyrillic,CP866 Bulgaria, Siemens Turkish,CP1250 Win Latin 2,CP1253 Win Greek,CP1254 Win Turkish, 8859-1 Latin 1,8859-1 Latin 1(SAP), 8859-2 Latin 2,8859-5 Cyrillic,8859-7 Greek, 8859-9 Turkish,8859-15 Latin 9 (Euro),BRASCII,Abicomp,Roman 8,Cp775 Baltic, CP1257 Baltic,Mazovia (Poland),Kamenicky (Czech),CP886 Ukraine,CP866 Kazakhstan
Consumables	20 million characters
Standard Paper Handling	Push tractor for continuous paper with straight paper path, Additional push tractor (rear) (2T model), tear off and park position
Optional Paper Handling	Additional push tractor (front), Automatic cutting device
Number of Copies	Push tractor front: 1 original + 5 copies;
Paper Type	Continuous forms, multi-part forms
Paper Weight	60-120 g/m ²
Paper Size	Width: 76 to 420 mm; Length: 76 to 559 mm
Physical Weight	19 kg
Physical Size	624 x 432 x 280 mm (W x D x H)
Acoustic	59 dB(A)
Power Voltage	230 V - 50/60 Hz
Power Consumption	70 Watt Printing; 18 W Power Save
Temperature	+10° to +35° C; 20% to 80% humidity
Workload	48.000 pages per month
MTBF	22.500 hours
Drivers	Windows 2000/XP/Vista/7/8 and Server 2003/2008; SAP

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