

Impact 3650

Dot Matrix Printer

> Performance and flexibility
at your finger tip



High speed, multi-path and heavy duty, this printer has it all! The Impact 3650 printer is compact, versatile and it offers maximum compatibility with today's software packages.

Reliable and versatile dot matrix printer

The Globalis Impact 3650 printer is built to offer you high reliability and secured operations resulting in a record MTBF of 20,000 hours. It features a powerful 24-needles print head that functions on different types of paper with sharp print quality. The printer is equipped with an area-over print prevention mechanism to protect the print head from outside bounds printing.

Intelligent and flexible printers

The Impact 3650 has been designed to offer everything a printer of higher class offers. Built-in is a set of automatisisation mechanism that makes the printer easy to use for operator: intelligent auto thickness paper control, automatic paper path switch and even automatic skew detection for transactional application with single sheet.

Connectivity and environment

Two printer configurations offer a choice of multiple connectivity: Parallel, Serial, USB or integrated LAN. A large choice of fonts and barcode are integrated into the model.

Outstanding paper handling

The printer is built as a flat printer to provide the most reliable paper path. The operator can use up to 8 different paper paths including simultaneous two tractors installed for continuous forms. It can print on up to 8 parts form with a high quality. For single sheet the printer offers high reliable paper path with auto skew detection; also an optional sheet feeder is available upon request.



Key Features

- > High speed & high quality printing
- > Flat printing structure
- > Automatic paper path switching
- > Auto-thickness paper control
- > Auto skew detection for single sheet
- > 8 paper paths available
- > Up to 1 + 7 copies
- > Ideal for printing on cut sheets, common/rigid forms, multi-copies, labels, envelopes, A4/A3 horizontal format and others



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Technical Specifications Impact 3650

Printing

Print Technology

24-pin, impact dot matrix

Bilingual Print Speed

	12 cpi	10 cpi
HS Draft	855 cps	684 cps
Draft	825 cps	660 cps
NLQ	360 cps	288 cps
LQ	180 cps	144 cps

Emulation

Epson ESC/P2, IBM® Proprinter XL24E, Fujitsu DPL24C PLUS

Barcodes

Code 128, Code 3 of 9, UPC/A, UPC/A with check character, EAN-8, EAN-13, Codabar (NW7), Interleaved 2/5, PostNET, Matrix 2 of 5, Industrial 2 of 5

Print Characteristics

Vertical spacing: 1, 2, 3, 4, 5, 6, 7 and 8 lpi

Horizontal spacing: 2.5, 3, 5, 6, 10, 12, 15, 17, 18, 20 cpi and proportional

Print line length: 136 columns @ 10 cpi

Resolution 360 x 360 dpi

Print Modes

Condensed, double width/height, quadruple w/h, shadow, italic, bold

Print Head Life 400 million characters

Optional Accesories

- Automatic cut sheet feeder.
- Large cut sheet table. Recommended when using cut sheet front insertion).
- Additional 2nd Tractor (coexists with main tractor).
- Integrated LAN Card (available only on 3650-PU model).

Paper Handling

Paper Handling

Continuous form: Push tractor Front in, Rear out and/or Push tractor Rear in, Front out

Cut Sheet: Front in (Front out or rear out); Rear in (Front out or Rear out)

Paper width:

Cut Sheet: 55~420 mm (2.2~16.5 inches)

Continuous Form: 102~420 mm (4.0~16.5 inches)

Max. Paper Thickness: 0.57mm (0.0224")

Number of copies: Original + 7

Character Specification

Character Sets

Host code sets:

ASMO-449/449+, ASMO-708/708+, ARCII, ASCII, DEC/8/ASMO, Al-Arabi, IBM APC, XBASIC, CODAR-UFD, ICL, CODAR, NCR ASMO-708, Cross Range, NCR 64/96, Data General, HP Arabic-8, HP Enhanced, Comterm 348/ 541, Integro 708, UNIX, ASMO/French, French/ASMO, User-defined

PC Code Sets:

ADOS-708/709/710/711/720/128/864/ 96, Mussaed Arabi, Arabic Windows 1256, Ameer, User-defined

Operating Mode Support

- 8-bit Arabic pure with neutrals, GLCCs, & GLCCs balancing
- 7-bit Arabic with GLCCs, GLCCs balancing & escape sequences

Fonts

Bitmap Latin: Draft, HSD, Courier, Prestige, Compressed, Boldface, Elite, , OCR-A, OCR-B, PICA, Correspondence

Bitmap Arabic: High Speed Draft, Draft, Naskh NLQ, Naskh LQ

Other Specifications

Automating Functions

Paper path switch, Auto Paper Thickness control, paper skew detection for cut sheet

Interface & Connectivity

Parallel port: Centronics IEEE 1284 bi-directional. **Serial port:** RS-232C 25pin. **USB:** Ver 1.1 (TYPE B). **Ethernet :** 10 Base-T, 100 Base-TX, TCP/IP Protocol (Optional card needed)

Model

3650-PU: Parallel + USB Model (LAN Upgradable) **3650-PS:** Parallel + RS-232C Model (25pin)

Input Data Buffer 128 Kb

Throughput 420 pages per hour

Drivers Plug & Play (Microsoft Windows Drivers)

Reliability

MTBF: 20,000 hours @25% duty cycle

Consumables

Type: Black ribbon cartridge

Life: 5 million draft characters

Physical

Dimensions (w x d x h): 600 x 350 x 290 mm **Weight:** ~17 kg (37 lbs)

Operating Environment

Temperature: Operating: 5° to 38° C

Humidity: 20-28%

Acoustics: <57 dBA

Voltage: 110 ~ 120 V / 220 ~ 240 V

Frequency: 50 - 60 Hz

Power consumption: 120 W / 14W (Waiting)

Warranty Standar one-year



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