

Ultima 90+ Impact 4550 Pro

24 Wire Dot Matrix Printer



High speed, high copy capability and heavy duty multifunctional flatbed impact printer, ideal for mission critical environments

Unmatched performance

With full print speeds reaching 1215 cps @ 15 cpi in Draft mode, the **Ultima 90+/Impact 4550 Pro** flat-bed printer is a highly suitable solution for saving valuable time at the office.

Outstanding paper handling

Flat bed printer with straight paper path route provides more accurate line feed and enables paper to be fed more smoothly. With 8 various paper paths set-ups, **Ultima 90+/Impact 4550 Pro** is suitable for any printer setting circumstances. The printer offers enhanced paper handling capability to ensure flexibility and comes with standard features like APTC (Automatic Paper Thickness Control) and HCCP (Host Controlled Paper Path).

Speed & flexibility

Ultima 90+/Impact 4550 Pro printer provides superior performance with form feed speed of 12" per second continuous feed and has been designed to offer several paper loading inputs available at the same time with options. Depending on the print usage, a maximum of 4 paper paths can be set simultaneously.



Key Features

- > High speed printing up to 1215 cps
- > High copy capability
- > Straight paper path route (Flat Bed)
- > Up to 1 + 8 copies
- > 8 different paper path set-ups available
- > APTC and HCCP Functions
- > Various interfaces available



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Technical Specifications Ultima 90+/Impact 4550 Pro

Printing

Bilingual Print Speed

	10 cpi	12 cpi	15 cpi
HS Draft	810 cps	972 cps	1215 cps
Draft	609 cps	730 cps	913 cps
NLQ	360 cps	432 cps	540 cps
LQ	180 cps	216 cps	120 cps

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 cpi

Print Modes

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

Emulation

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

Barcode

Code 128, Code 3 of 9, UPC/A, UPCA with check character, EAN-8, EAN-13, Codabar (NW7), EAN13, EAN8, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5

Number of copies

Original plus 7; at High Copy mode: original + 8

Optional Accesories

- Cut sheet feeder
- LAN Card
- Rear Stacker
- Small cut sheet table (should be installed for Front CSF)
- Large Cut Sheet Table (should be installed for Front CSF)
- Tractor (Common to Rear and Front)

Paper Handling

Continuous form

Push tractor - Front in, Rear out; Rear in, Front out

Cut Sheet

Front in, Front out; Front in, Rear out; Rear in, Front out; Rear in, Rear out

Paper width

- Cut Sheet: Width 55~420 mm (2.2~16.5 inch)

Length 70~297 mm (2.76~11.69 inch), 70~240mm (2.76~16.5 inch) for Large Cut Sheet Table

- Continuous Form: Width 102~420 mm (4.0~16.5 inch)

Length Over 102 mm (Over 4.0 inch), Over 127 mm (Over 5.0 inch) for Rear Tractor

Max. Paper Thickness

0.65mm (0.256")

Character Specification

Character Sets

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

Fonts

Bitmap: Draft 12, HSD 12, Courier 10, Prestige, Boldface PS, Elite12, Compressed, OCR-A 10, OCR-B 10, Correspondence 10, EDP, NLQ

PICA Scalable: Courier, Nimbus Sans, Timless (Normal, Bold, Italic): Arabic: Naksh EDP, Naksh DP, Naksh NLQ, Koufi NLQ

Operating Mode Support

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

Other Specifications

Automating Functions

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

Interface & Connectivity

Parallel port: IEEE Nibble Mode

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 Parallel+RS232C.

Parallel+USB (LAN Upgradeable).

Input Data Buffer 128 Kb

Throughput 450 pages per hour

Drivers Plug & Play (Microsoft Windows Drivers)

Reliability

MTBF: 20,000 hours @25% duty cycle

Consumables

Type: Black ribbon cartridge

Life: 18 million characters

Physical

Dimensions (w x d x h): 600 x 350 x 290 mm **Weight:** ~22 kg (48 lbs)

Operating Environment

Temperature: Operating: 5° to 38° C

Humidity: 20-28%

Acoustics: <56 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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