

Ultima 90⁺

Dot Matrix Printer



High Performance at High Speed

أداء ممتاز بسرعة عالية

- Universal Transparent Arabization
- Multiple Arabic and Latin Fonts
- Various Paper Paths Including Flat Bed
- Various Paper Loading Methods Available
- Up to 8 copies + Original
- Various Interface Options
- LCD Panel for Easy Setup

- تحتوي على تعريب شفاف وشامل
- توفر خطوط عربية ولاتينية متنوعة
- تتضمن مسارات مختلفة للورق بما فيها المسار المستقيم
- توفر طرق مختلفة لتحميل الورق
- تطبع لغاية ٨ نسخ + النسخة الاحتياطية
- تتضمن خيارات متعددة للتوصيل
- شاشة كريستال لسهولة التوضيح

TECHNICAL SPECIFICATIONS

Speeds (cps)

	10cpi	12cpi	15cpi
SHDQ	800	960	1200
HDQ	720	864	1080
Draft	540	648	810
NLQ	360	432	540
LQ	180	216	270

Printing Features

- Bi-directional with logical seeking in text and graphics mode.
- 24-wire impact dot matrix
- Printing columns: 136 columns at 10cpi
- User friendly LCD front panel
- Max. resolution: 360x360 dpi
- Line Feed Speed: 1/6" line per 50ms
- Form Feed Speed: 12" per sec (continuous feed)

Paper Handling

- Copies: Original + 8 carbonless copies.
- Max. paper thickness: 0.65mm
- Manual and auto continuous form/cut sheet switch function.
- Manual and auto paper thickness adjust function.

Paper Dimensions (mm)

	Width	Length
Cut sheet	55-420	70-297*
Continuous Form	102-420	Over 102**

* 70-420 for large cut sheet table.

** Over 127 for rear tractor.

Paper Feeding

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 Paths*



Continuous Paper With Tractor

A sheet of paper with Cut Sheet Table and Rear Stacker



A stack of sheet With Cut Sheet Feeder and Rear Stacker
*some paper paths require optional accessories

Paper Loading

Up to 4 paper feeds can be set at the same time.



One Cut Sheet Table +
One CSF (Back) +
Rear Stacker +
Two Tractors

One Cut Sheet Table +
Two CSFs (Front & Back) +
One Rear Stacker +
One Tractor

Emulations

Fujitsu DPL24C PLUS, Epson ESC/P2, IBM XL24E, Microsoft Windows Driver Available.

Barcode

Code 3 of 9, UPC Type A, UPC Type A with check character, Codabar(NW7), EAN13, EAN8, Industrial 2 of 5, Matrix 2 of 5, Interleaved 2 of 5, Code 128.

Latin Fonts

Latin bitmap

Courier 10, Prestige Elite12, Boldface PS, Compressed, Draft 12, High-speed draft 12, OCR-B 10, OCR-A 10, Correspondence 10, PICA10.

Latin scalable

Courier, Nimbus Sans®, Timeless (Normal, Bold, Italic)

Arabic Features

Bilingual Operating Modes

7-bit Arabic:

- with SWCs
- with Balancing SWCs
- with ESCs

8-bit Arabic

- Pure
- with neutrals
- with SWCs
- with balancing SWCs
- with ESCs

Code Pages:

ASMO 449,ASMO 449 plus, ASMO 708, ASMO 708 plus, ARCII, ASCII, EMULOG, AMEER, AL-ARABI, BEEHIVE,ZENTEC, DEC/8/ASMO, IBM APC, IBM X-BASIC, CODAR-UFD, ICL CODAR, ICL ASMO-708, ICL Cross Range Minus, NCR 64, NCR 96. NCR ASMO-708, Data General, HP Arabic-8, HP Enhanced , COMTERM 341, COMTERM 348, COMTERM 541, ASMO-708/FRENCH, NAFITHA,Farsi FRENCH-1/ASMO 708, INT'L upper, MUSSA'ED Alarabi/2, SHAKER upper, ADOS-708, ADOS-709, ADOS-710/96, ADOS-710/128, ADOS-711, WANG ADOS-864, Arabic Windows, SEDCO/ESPRIT, User Defined and more.

Arabic Fonts:

Naskh, Naskh Bold, Kofi, Kofi Bold, Req'a, Haydar, Hadeeth, Asri Resident and downloadable fonts.

Available Models

Available models:

- Parallel + USB (LAN upgradeable). (Standard)

Optional Accessories

- Cut Sheet Feeder (should be used with Rear stacker). Common to Rear and Front.
- LAN 10BASE-T, 100 Base-TX, TCP/IP Protocol
- 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)



CSF (Front & Back)



Rear Stacker



Cut Sheet Table (Large)



Cut Sheet Table (Small)



18 million characters can be printed.

Physical and Operating Features

- Input Buffer: 128KB
- Input Voltage: 220-240V AC, 50-60Hz (Standard) 110-120V AC, 50-60Hz (On order)

Power consumption:

	110V	220V
Idle	1W or less	1W or less
Average	275W	250W
Max.	530W	480W

- Temperature: 5 to 38 C.
- Humidity: 20 to 80%
- Dimensions (WxDxH): 600x350x290mm
- Weight: 22Kg.
- Noise: 55dBA
- MTBF: 20,000H (25% duty cycle)
- MTTR: 0.5H
- Print Head Life: 500 million strokes (each wire)
- Ribbon Life: 18 million

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