

A PRINTER PROJECT

THE INSIDE STORY

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FLORENCE, ITALY

DESIGN GOALS

PRINTING
PERFORMANCES

MULTI -
FUNCTIONALITY

HUMAN
INTERFACE

QUALITY -
RELIABILITY

PRINT HEAD



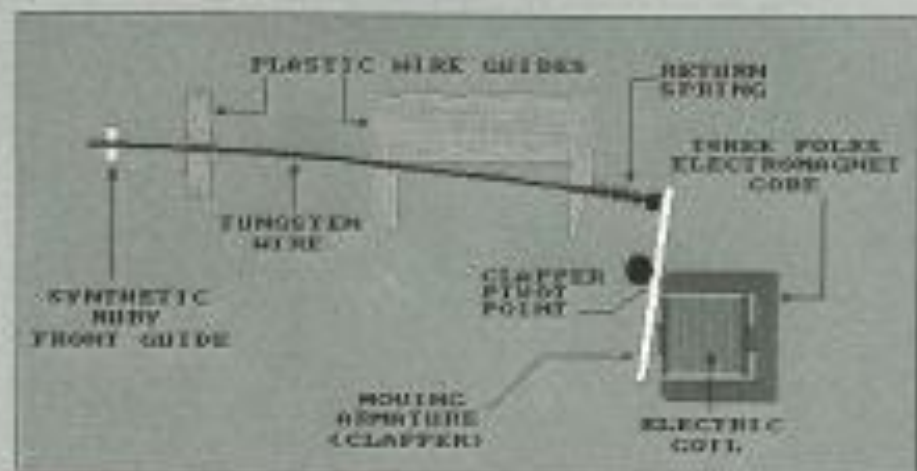
18 WIRES DUAL IN LINE

Ø 0,2 mm



WIRE TIPS
ARRAY

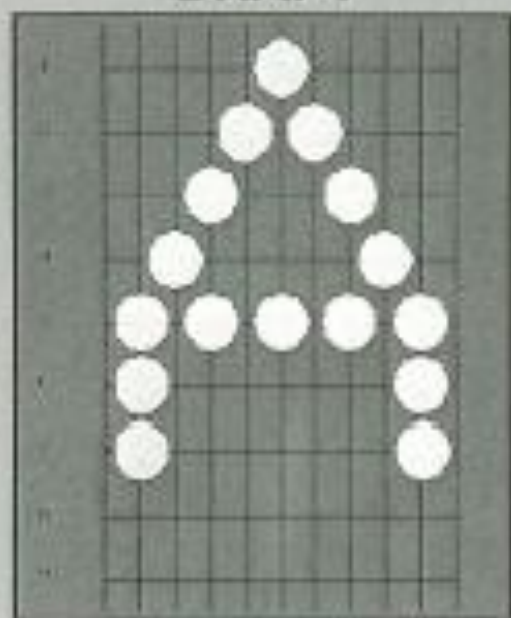
SINGLE DOT PRINTING ELEMENT



- MAX OPERATING FREQUENCY: 1,2 KHz
- ENERGY PER PRINTED DOT:
 - DRAWN FOR THE POWER SUPPLY: 3,1 mJ
 - HEAT DISSIPATION IN THE HEAD: 15 mJ

PRINT QUALITY

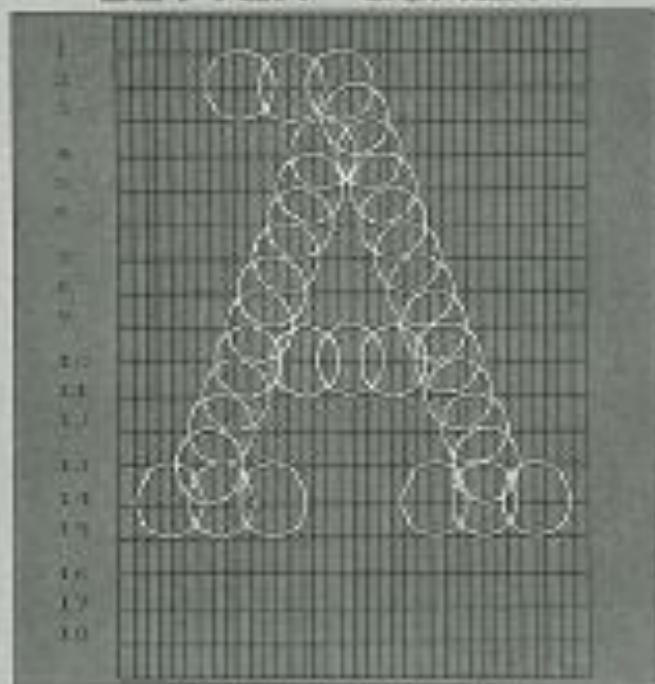
DRAFT



MATRIX: 11x9

PRINT QUALITY

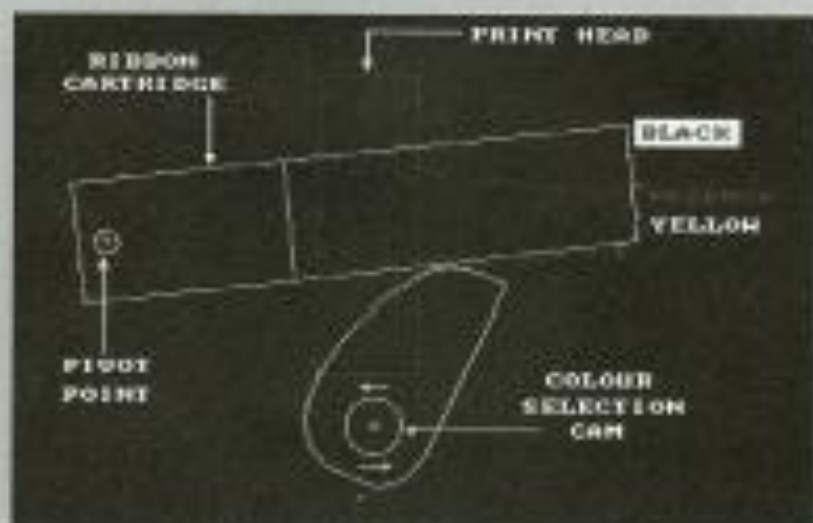
LETTER QUALITY



MATRIX 36 x 18

COLOUR PRINTING

- 4 BASIC COLOURS
- 3 COLOURS BY COMBINATION
- LONGLIFE RIBBON CARTRIDGE

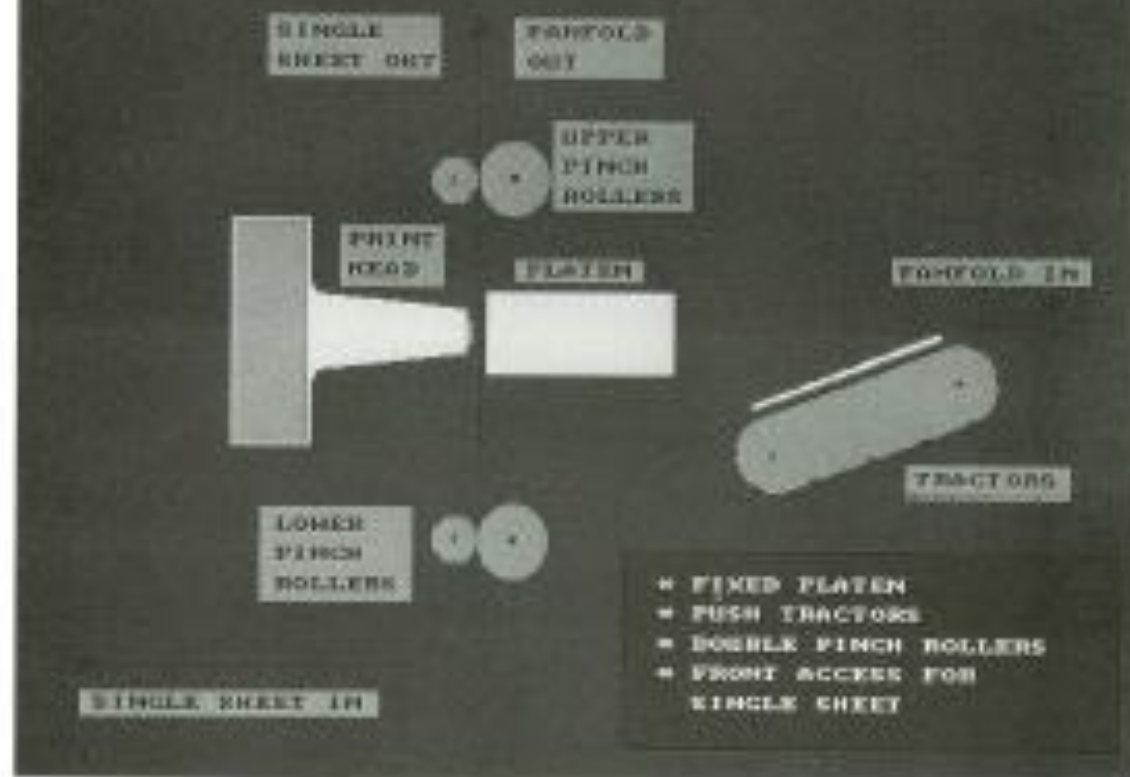


PAPER FORMATS

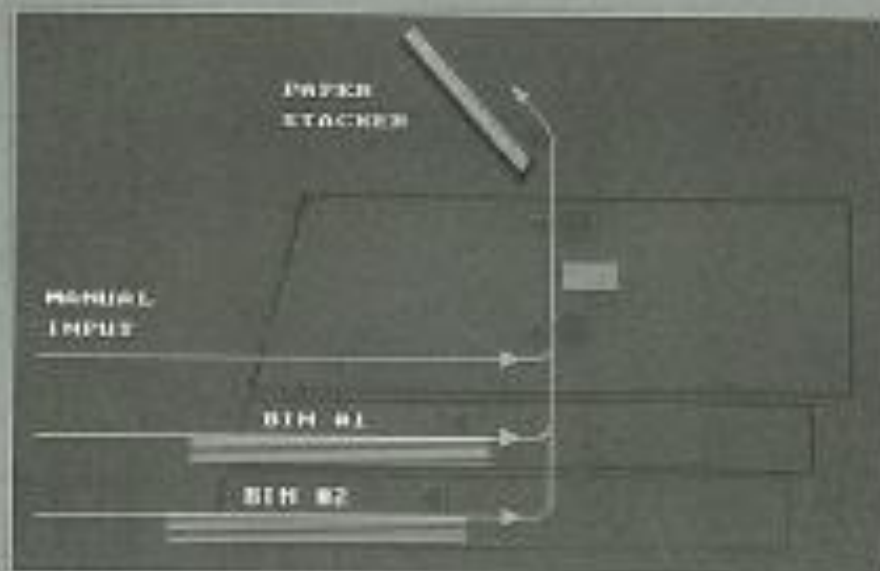
The mechanism has been designed to make it possible to use a vast variety of paper formats:

- Fanfold from 3" to 17.5" wide
- Cut forms from 4.7" to 16.6" wide
 - A5 landscape and portrait
 - A4 " " "
 - A3 " " "
 - A2 "
 - American legal

PAPER HANDLING MECHANICAL ARCHITECTURE



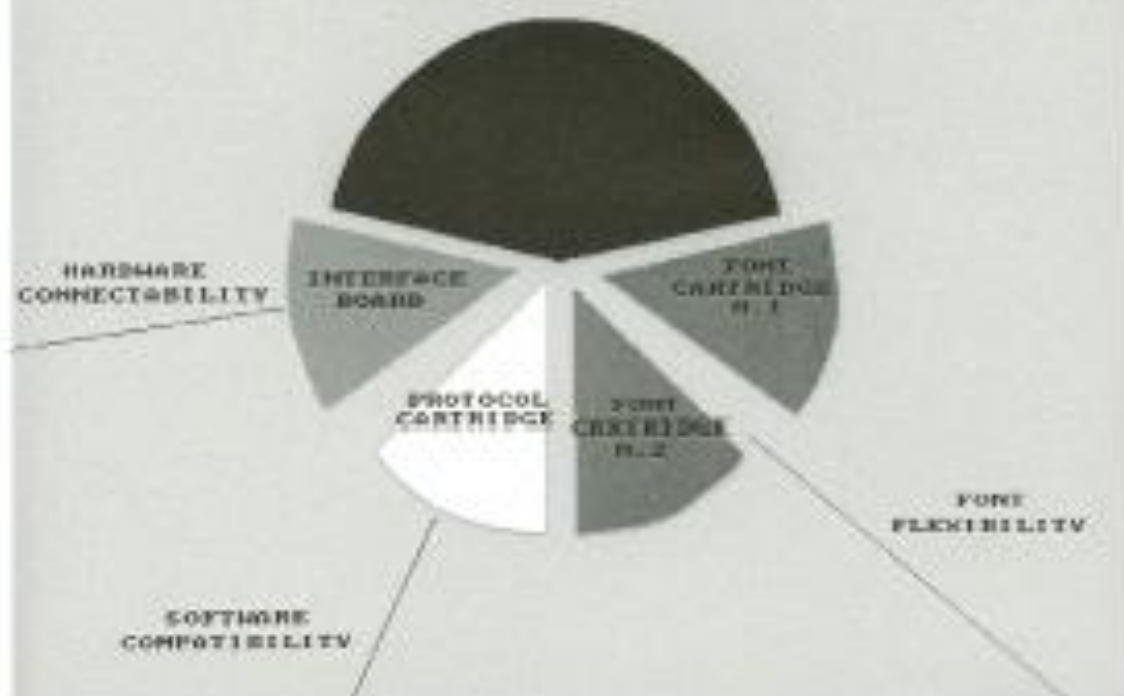
AUTOMATIC SHEET FEEDER



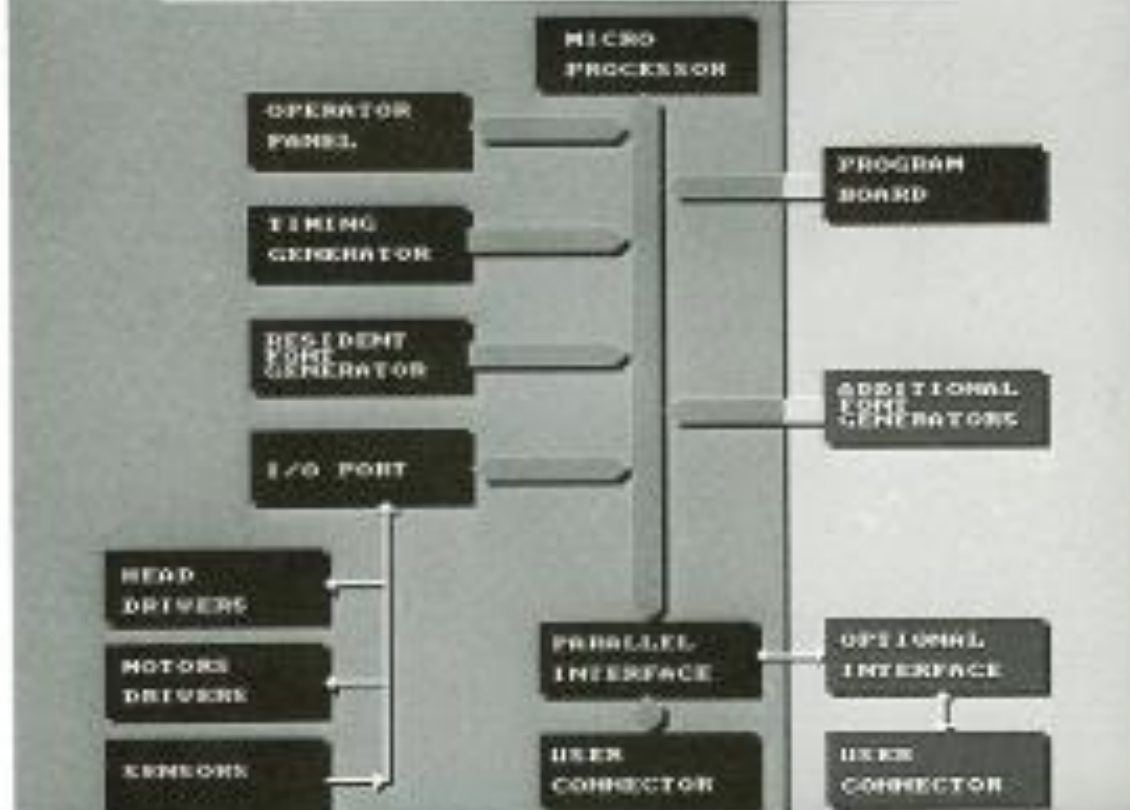
- SEE BELOW THE PRINTER
- 1 OR 2 BINS
- INDEPENDENT MOTORIZATION
- PAPER FORMATS UP TO A3 LANDSCAPE

ELECTRONIC ARCHITECTURE

PRINTER BOARDS

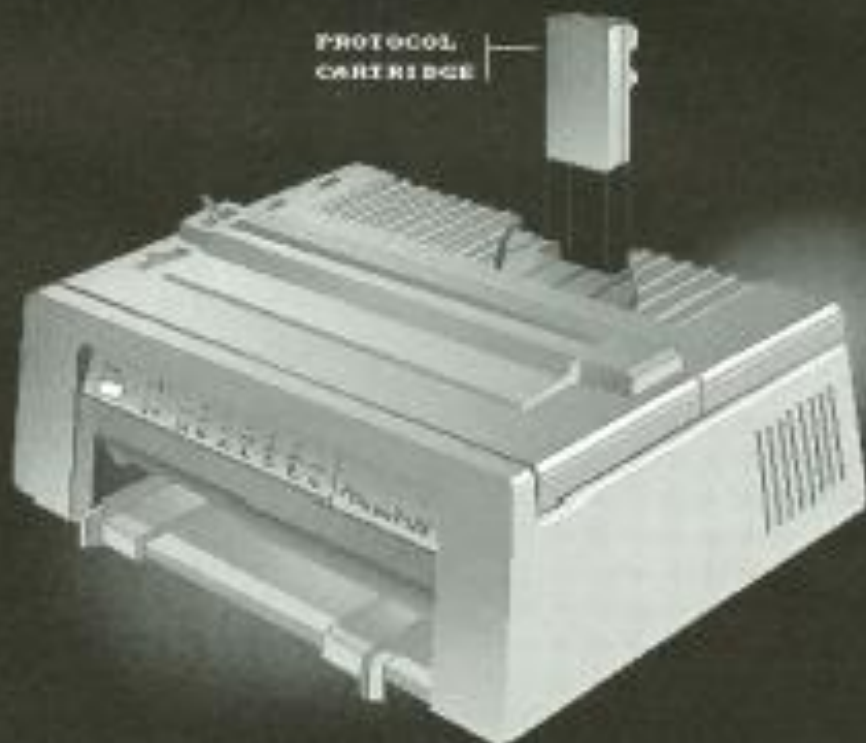


ELECTRONIC ARCHITECTURE



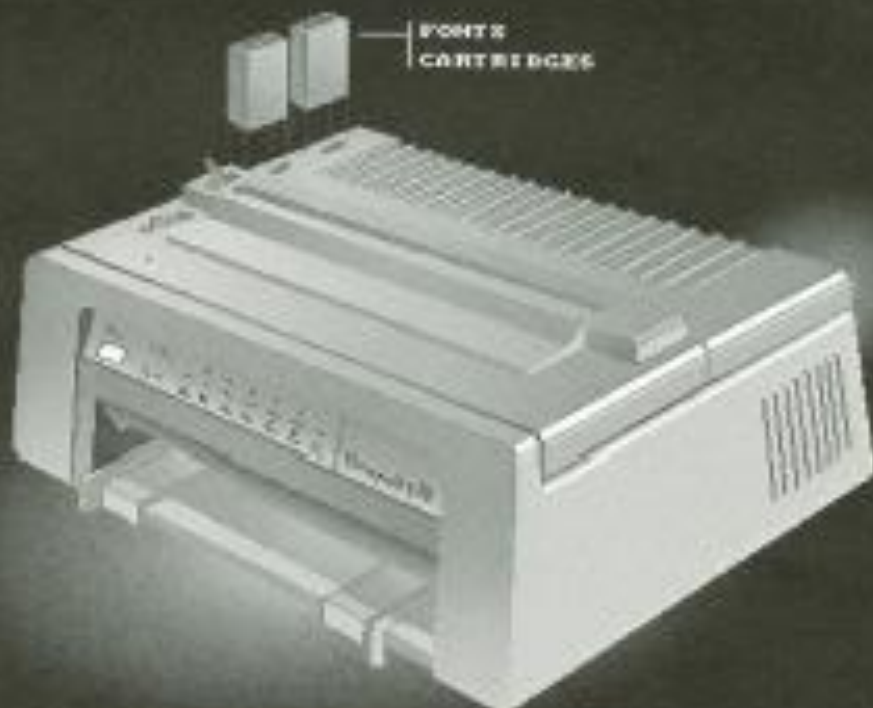
SOFTWARE COMPATIBILITY

PROTOCOL
CARTRIDGE



FONTS FLEXIBILITY

FONT
CARTRIDGES



OPERABILITY

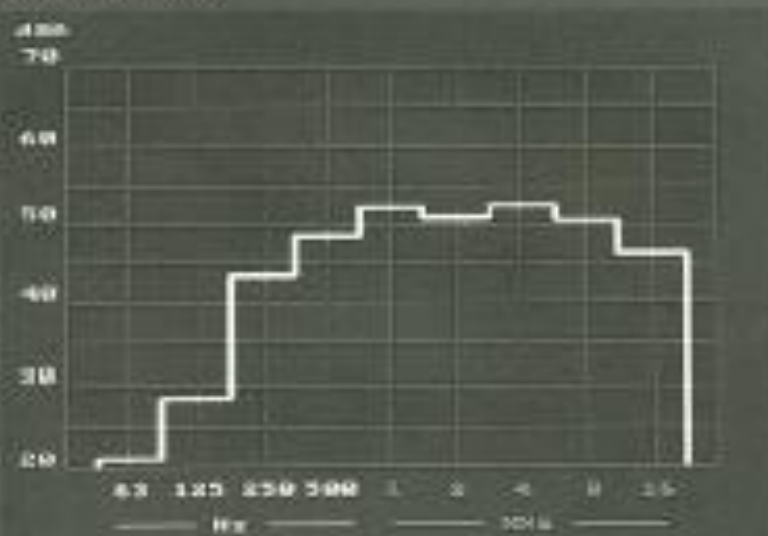
- Front single sheet loading
- Automatic loading of fanfold and single sheet
- Automatic retraction of fanfold when introducing a single sheet
- No need to remove tractors to mount mechanical options (ASF, dual movement, pull tractors)
- No need to remove ASF when using fanfold
- Manual input of single sheet with ASF present (by pass)
- Draft/quality selection by operator panel
- Automatic recognition of black or colour ribbon cartridge

USER FRIENDLY

- Microadjustment of paper position by operator panel
- Status of printer displayed by a 4 digit display
- User replaceable print head
- Snap-in "clean hands" ribbon cartridge
- Font cartridge substitution while the printer is operating
- T&D at operator level

LOW NOISE

MEASUREMENTS STANDARDS: ECMA 74 ISO 7779 ANSI S129
BYSTANDER POSITION



400 CPS DRAFT PRINTING

SAFETY

PROTECTION AGAINST:

- Fire hazards
- Mechanical hazards
- Electric shock

FULL COMPLIANCE WITH THE INTERNATIONAL STANDARDS

- UL 114
- UL 478
- CSA 154
- IEC 435

NO ELECTROMAGNETIC POLLUTION

- No immission of electric disturbances in the network
- No irradiation of radio interferences

Full compliance with the international standards:

- FCC class B
- VDE class B

QUALITY/RELIABILITY

DESIGN GOALS

