



4250

Printer



PRODUCT DESCRIPTION

IBM 4250 is a high print quality electromatrix printer based on the electro erosion principle. The printer uses special aluminium coated paper.

IBM 4250 provides typeset quality printing to the printing and publishing industry.

No chemical post processing is needed to obtain a quality "camera-ready" master page.

The 4250, as an all points addressable printer, is able to print a wide variety of complex graphics and other patterns provided by user programs and the "Composed Document Printing Facility" program.

The addressable resolution consists of 600 picture elements (PELs) per inch in horizontal and vertical direction.

The machine contains all necessary functions to control the dataflow between interface and print unit. In addition it is capable to check-out and diagnose itself.

The logic consists of 6 cards with a microprocessor, ROS, RAM, line adapter and sense amplifiers/motor drivers on a half board. A second 1/8 board contains the electrode drivers and a power regulator card.

Printing is accomplished using a multi-element printhead.

Printing is from left to right.

Installation

IBM 4250 is a CSU (Customer Set Up) product.

Attachment

IBM 4250 can be attached to 43XX DCA or IBM 3274 model 1A / 1D and 31A / 31D.

Technology

VTL

Models

One model only

Standard Features

- Wall pluggable power cord corresponding to national requirements
- Paper cutter

Software Requirements

- System Products
 - MVS / SP
 - VSE / Advanced Functions
 - VM / SP-CMS
- Program Products
 - Composed Document Printing Facility (CDPF)
 - Document Composition Facility (DCF) Release 3
 - Document Library Facility (DLF) Release 3
 - Graphical Data Display Manager / Presentation Graphics Feature (GDDM, PGF) Release 3
 - One or more typeface families from the IBM 4250 front library

Maintainability

- Customer Problem Determination Procedure
 - The customer is responsible for problem determination. He is directed to run tests which enable him to determine whether CE service is required.
- Inline RAS
 - Almost all functional areas of the IBM 4250 are constantly being monitored while operating.
 - One FRU only for DC-Power.
 - Early warnings are logged to indicate end of life for some electronic FRU's.
- Basic Assurance Tests
 - These tests run automatically after "Power on" or "pressing reset key" and test the microprocessor, RAM, ROS and the basic machine functions.
- Internal Tests
 - IBM 4250 generates certain print pattern for Print Quality check-out and adjustments.
- Error Logs
 - Can be printed or displayed on the operator panel.
- Digital Display
 - Two seven-segment digital displays are used to display operator action codes, error codes, storage and log information.
- Operator Panel
 - 16 keys to operate and control the IBM 4250.
 - 2 Digit-Display to display operator status and error codes.
 - Used as a CE panel to invoke tests and display status.
- System Tests
 - ST370 / ST4300 / NST
 - CDPF verification Test (runs online)
- No Scheduled Preventive Maintenance

CE Career Path

- Account System CE — EMEA
- General System CS — A/FE
- It is assigned to support category 2.

Manufacturing Location

Jarfalla

**IBM World Trade Corporation
Customer Engineering
Eurocoordination - Paris, France**

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