



MECCATM 2000

**INTEGRATED ELECTRONIC
PUBLISHING SYSTEM**

AMGRAF, INC.

Powerful Features for Composing Business Forms, Labels, and Security Documents

MECCA™ 2000 is the next generation of Amgraf's MECCA III – *the world's premier business forms composition system*. The software offers designers a comprehensive suite of tools to create multi-color, multi-part forms with graduated screens, borders and pantographs, scanned logos, barcodes, and fine typography. For label manufacturing, the software includes trapping, flexographic distortion, and a unique step-and-repeat feature. To add security to any document, MECCA 2000 provides functions for superimposed hidden "Void" messages, a relief line generator, microprint composer, prismatic color mixer, and PixeLace™ for lacey backgrounds. With batch pagination, forms production from order-entry to plate can be entirely automated. Finished designs are output via PostScript as flawless color-separated negatives or printing plates, or they may be transmitted to digital color printing presses for high-speed variable-imaging applications.

GRADUATED BARS

GRADUATED SCREENS

RADIAL GRADUATIONS

FINE-LINE RELIEF

67 STANDARD BORDERS

73 STANDARD PANTOGRAPHS

9 STANDARD BARCODES

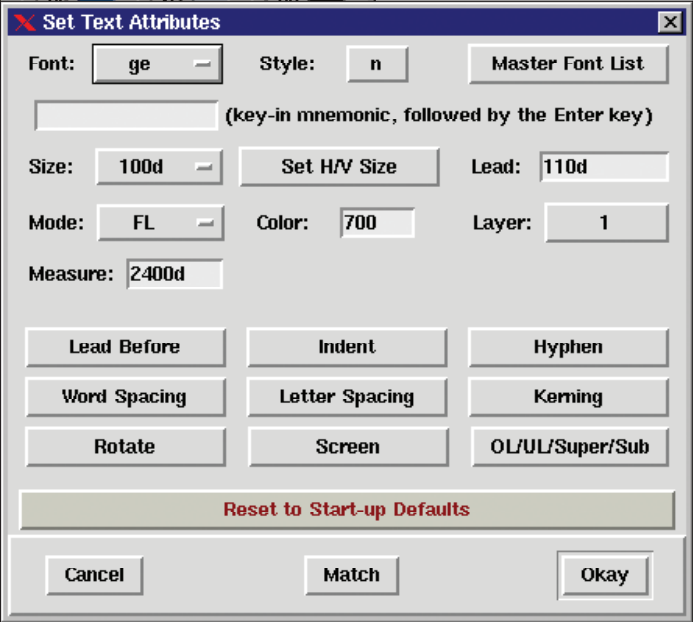
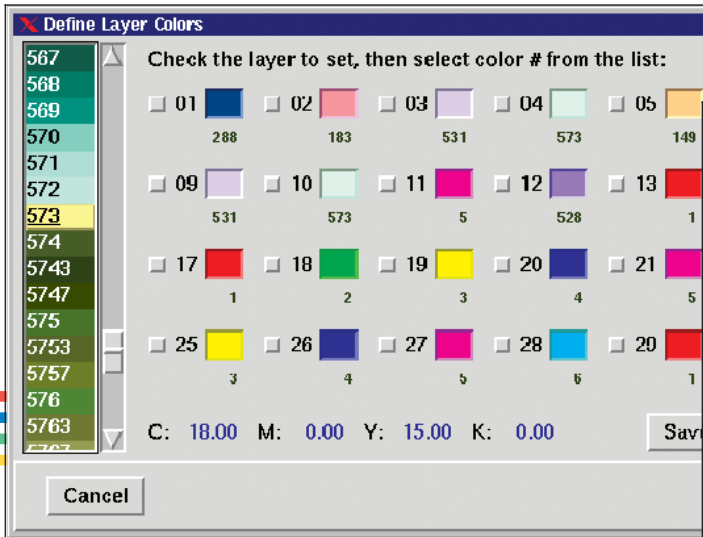
CUSTOM PANTOGRAPHS

TYPESETTING



A Colorful Point-and-Click Graphical Interface for the Forms Designer

The elegant arrangement of the status readouts, menu buttons, and drawing window allows the operator to control the MECCA 2000 software with confidence. For each drawing tool, option windows “pop-up” by clicking the right mouse button. For every step, “next action prompts” appear at the top of the screen to guide the user. An online help feature is also available whenever a question arises.



“Pop-up” windows for each function are conditionally displayed as the operator clicks on a menu.

Above: 32 Ink Color Layer Overlays are available for Multi-Color/Multi-Part Business Form Design. Layers can be turned on/off to show registration. Right: The Text Attributes menu permits exacting typographic control over a library of 330 PostScript typefaces.

The MECCA 2000 system is a form designer's dream-come-true. From producing fine typography for the dedicated professional, to creating text-intensive backers and contracts, MECCA 2000 simplifies the typesetting process. Graphical elements such as rules, rounded-corner boxes, graduated screens, check borders, and pantographs are drawn with precision by pointing-and-clicking. Customer logos can instantly be scanned, cleaned-up, and color separated. Color proofs and plate-ready films can be output within minutes.

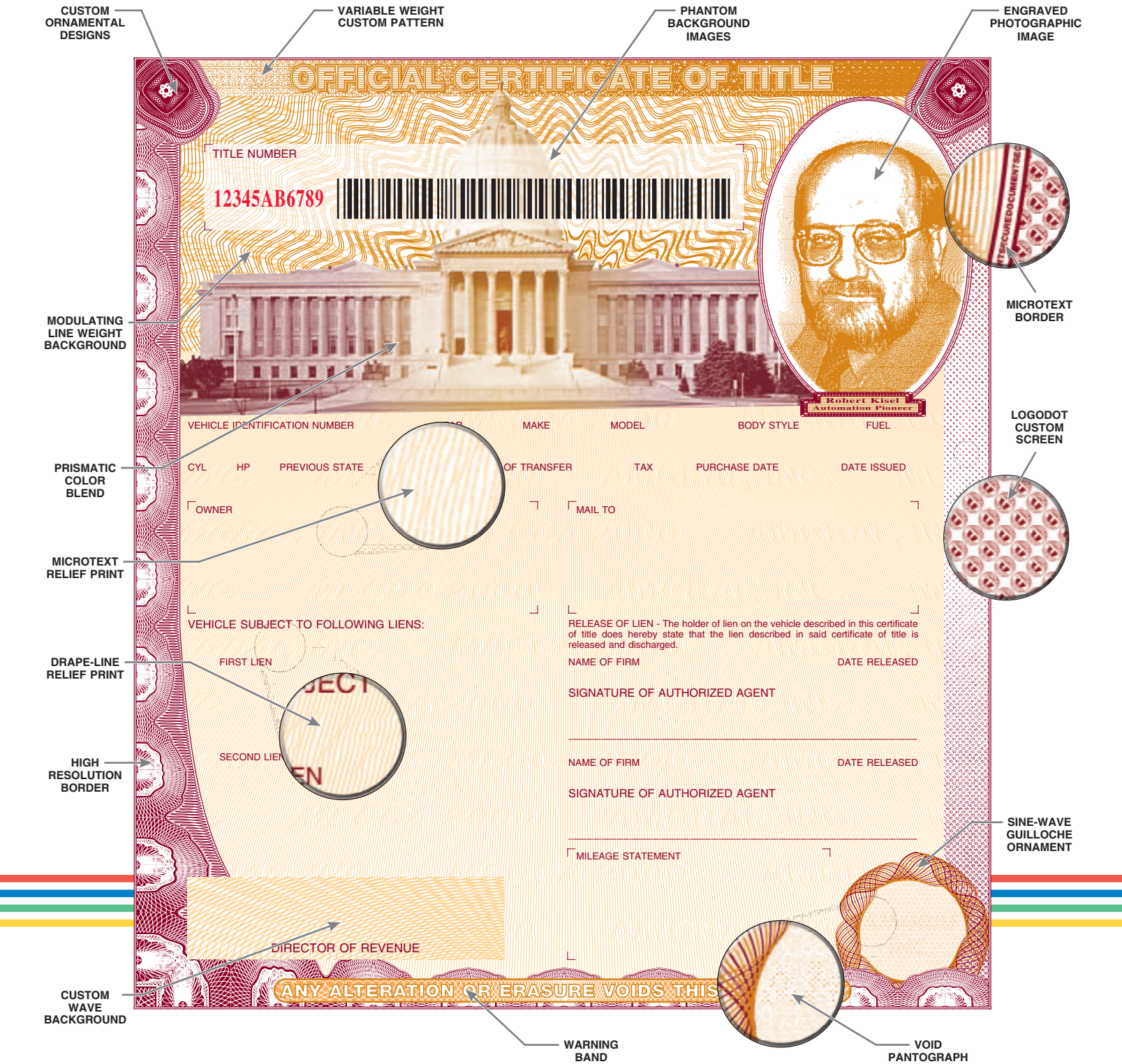
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Add Security to Every Printed Document

MECCA 2000 contains a comprehensive set of design tools to add copy-resistant graphical safeguards to certificates, coupons, titles, tickets, monetary or legal documents, and other valuable forms, labels, and tags. Our fine-line relief backgrounds with microtext, phantom images, and Pixelace™ moiré patterns are easy to create and virtually impossible to duplicate. “Void” pantograph technologies using public domain and proprietary methods are also available.

Amgraf's LogoDot™ (Patent Pending) Security Document Technology

Capture any image such as a corporate logo, a photograph, or a key word or phrase, and convert that image into a LogoDot halftone dot that replaces conventional round dots typically used in normal commercial printing. When compared to conventional halftone dots, LogoDots are much more difficult to faithfully reproduce with commercial photocopiers and scanners, resulting in easily detectable copies.



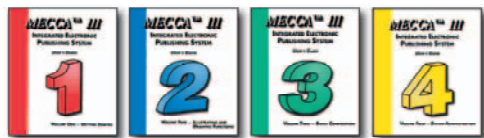
The Next Generation of the MECCA III System

MECCA 2000 is the next generation of the Amgraf MECCA technology, a software product family specifically developed for professional prepress groups within the business forms industry. Like MECCA III, Amgraf's MECCA 2000 integrates composition functions for manufactured business forms, variable-data merged forms, flexographic labels, and security documents. MECCA 2000 runs on industry-standard PC's with a user-friendly X-Windows graphical interface. MECCA 2000 and MECCA III digital design files are completely interchangeable with other Amgraf products, including the OneForm™ Designer Plus software for electronic and Internet business forms and the Triton electronic proofing software.

Amgraf provides excellent customer service, training, maintenance, and periodic software updates to keep MECCA 2000 installations running at peak performance. For more information about the MECCA 2000 software or other fine Amgraf products, call toll-free at (800) 304-4797 or visit our web site at www.amgraf.com.

Product Specifications — Key Features of MECCA 2000

MECCA 2000 is a functional replacement for Amgraf's MECCA III Integrated Electronic Publishing System. The complete features and capabilities of the MECCA software are documented in the MECCA III User's Guides.



Form and Label Design Tools

Draw Functions: Line, Prorated Rules, Change Line Style, Box, Circle/Arc, Spline, Area, Barcode, Raster Logo, Pixelace Security Pattern Generator

Modify Functions: Set Layer, Combine/Separate, Fillet, Approximate Arc to Spline, Transform, Shear, Create Raster Relief, Create Microtext

Label Functions: Convert Typeface to Geometry, Make Logo Thick/Thin, Graduated Raster Images, Add Color Trapping, Flexo Distortion, High-Speed Step-and-Repeat

Text Functions: Set/Change Font/Style/Spacing, Justify/Typeset Text, Automatic Hyphenation, Add Text from File, Place Text into Box, Immediate Spacing/Leading Commands, Insert Pi Character, Spell Check

Layout Functions: Select, Move, Copy, Rotate, Mirror, Scale, Measure, Change Depth Order, Grid, Undo/Redo, Position Assistant

View Functions: Spot (Layer) Color, Process Color, Type Color, Zoom, Window Fit

Draw Box Features

Individual Settings for Line Weights of Box Edges and Corners
Individual Corners can be Square, Rounded, Inverted-Rounded, or Tapered
Fill Box with Flat Screens, Linear Graduated Screens, Logarithmic or Reverse Log Graduated Screens, Radial Graduated Screens, Bars or Stripes
Divide Box into Rows/Columns
Library of 67 Standard Borders, 73 Standard Pantographs
Add Superimposed Hidden Message
Add User-Defined Borders and Pantographs

Batch Pagination Features

Object Tag Commands for Headings, Paragraphs, Tables, Merged Graphics, Merged Form Templates, etc.
16 Pagination Commands for Page Layout Control
25+ Setup Commands for Defining Page Geometry, Margins, Gutters, etc.
40+ Immediate Commands for Color Changes, Baseline Movement, Special Effects, etc.
Large Document Composer Includes Automatic Page Breaking, Column Balancing (up to 8 columns per page), Page Numbering, Vertical Justification, Automatic Footnote Placement

Units of Measure

Inches, Points, Deci-Points, Picas, Mils, Centimeters, Millimeters, Ciceros, Corps

Barcode Symbolologies

Codabar, Code 39, Interleaved 2 of 5, Code 128, UPC-A, UPC-E, EAN-13, Postal Zip & FIM

Form Templates Library

Continuous Forms, Unit Sets, Mailers, Heat-Seals, Custom

Import Filters

Import Pre-Designed Business Forms in the following formats:

Encapsulated PostScript (.eps), PostScript (.ps), Portable Document Format (PDF), MECCA Graphic (.g)

Import Image Data in the following formats:

Many common formats including .TIF, .BMP, .GIF, .DCS, .PNG, .JPG

Output Control

PostScript Level I/II/III Compatibility
Create Portable Document Format (PDF) Files On-Demand
32 Layers/32 Registered Separations per File
Up to 16-Part Forms Saved as a Single File
Per Layer Automatic Step-and-Repeat on Output
Output Specifications Saved with Drawing
Direct Connection to Digital Printing Presses for High Speed Variable Imaging

Other Important Features

HTTP Server for Hosting Web Pages
Open Source SQL Database Manager
Interfaces to Amgraf Online Ordering Technology
330 PostScript Type 1 Typefaces
Complete Online Documentation
One-Year Warranty: No Charge for Software Updates or Help Line Support for One Year after Purchase

REQUIREMENTS TO INSTALL MECCA 2000

Pentium 4 Class CPU with Minimum of 256 MB of RAM and XGA Display (1024 x 768 Resolution)
FreeBSD UNIX
Adobe Type Basics with License for 35 Standard PostScript Fonts



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