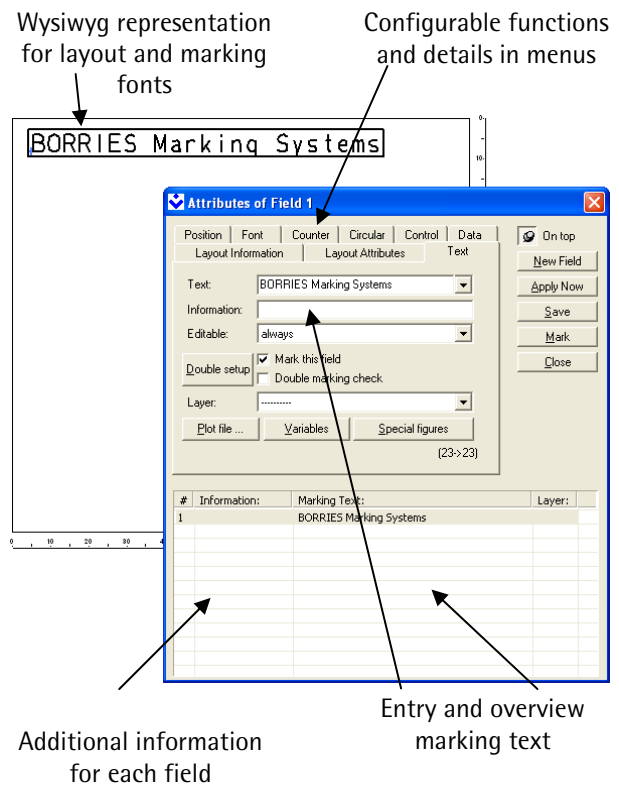


Marking software VisuWin SE

Technical data sheet

- VisuWin-SE (Small Edition) universally applicable marking devices software for PCs with Windows 2000 or XP
- For every BORRIES marking machine for scribe, stylus and DataMatrix markings
- WYSIWYG representation during creation, processing and marking of the layouts
- Numerous date/ time functions, counters, variables
- Different standard character sets
- Plot-files (in HPGL) markable, converted from DXF (optional)
- Data transfer via barcode, serial interface (StxEtx, with/without BCC), 3964R, data transfer or TCP/IP
- Configurable extraction of marking data from data strings
- Unlimited quantity of the layouts (theoretically)
- Storable marking job for sequences
- Protocol function via marked data
- Control of several modules (work piece handling)
- Control of up to six motor axes



Application area

VisuWin SE is a universal "all-in-one" program for marking process management. 80% of all applications and requirements of scribe, stylus und DataMatrix marking machines are covered by the mostly menu-driven configuration ability of features and functions.

Due to the Standard WINDOWS® functionality of usage, the program qualifies especially for individually operated devices. Via various standardized interfaces, it can communicate with scanners, printers and other data process devices as well as be integrated in production control systems.

Typical applications are name plates machines or manually fed stand-alone marking stations for any components. The software is also best suited for general purpose marking appliances with marking layouts that are frequently changed or need to be re-defined.

The software is also capable of driving a circumferential marking unit with three or four motor axes.

Options

- Specified control program over configurable activation/ reading of I/O signals as well as Profibus-DP, Profinet-I/O, DeviceNet before/ after each marking area and complete marking („handling-sequences“)
- Configurable activation of one or more magazines as well as transport units for name plate machines
- Activation of a removable circumferential marking unit for inscription of round parts on circumference (allowance of diameter in layout definition, three or four axes-system)
- Data transfer from one barcode (requirement: barcode-reader with serial interface, must be able to have parameters assigned on one of the protocols mentioned above and serial interface at PC or marking-controller)
- Marking of company and other logos and of special characters
- Customer specific special character sets for plain writing

Password-Level

Control of equipment and functions can be safely protected from un-authorized access with passwords:

- Level 1: workman-level, marking of defined layouts with text input possible
- Level 2: like 1, but with installation and test mode
- Level 3: like 2, but with the option to define new layouts (marking models)
- Level 4: like 3, but with additional set-up functions

Operation

VisuWin-SE can process a module with all necessary I/O signals. Alternatively, the software can operate a simple manually inserted appliance, a mantle inscription unit for marking of texts on a cylindrical surface or an automatic sliding module. The parameterization is preset by BORRIES.

Layouts

The software can manage any number of layouts (marking models). Each layout can mark up to a 100 fields (lines), with a maximum capacity of 128 characters per line. Date and time functions as well as counters can be created. Global variables, which can be used simultaneously by several layouts, are accessible as well. For each layout a background (work piece-) picture can be defined as BMP file for the WYSIWYG representation.

Job-processing

The software can edit a layout (as a job). There is no queue for storing several jobs. A job is created with a quantity and a specimen number, thus a layout can for example be marked 50 times. In doing so, pre-existing counters will be incremented by one after each marking cycle. The counters can be proceeded automatically within the next call.

Minimum requirements for PC and operation systems

- Pentium 1500 MHz or 100 % compatible computer
- 1024 MB RAM
- 40 MB free space on the hard drive
- Operation systems: Windows 2000 or Windows XP or Windows 7, 32 bits

Details are subject to change.