Conventional marking technology Scribe, stylus and dot-peening marking technology Type-wheel marking technology Laser-marking technology



# Marking-Software VisuWin SE

#### - 0 **X** bdl - VisuWinSe V20.1482 Datei Bearbeiten Ansicht X Einrichten System Nadel-Par. M-Beschr. Ansicht Präger Befehl E/A Schrift Diverse Setup 123456789 Bedienung der Koordinateneinheit XYZ Z-Referenz L Grundstellung Y-Referenz Z»X»Y -11 4 Referenz erreicht Referenz erreicht X-Referenz Schrittweite 23 -Eigenschaften von Feld 1 m) Motion Daten Layout Eigenschaften Layout Information Position Schrift Text Zähler Steuerung Kreisbogen Q Neues Feld X 10.00 Absolutkoordinat -Anwenden 10.00 🖨 mm Y: Speichem 🚔 mm Z .00MHz, 8SM, 8192kB FLASH, 128kB Prägen 8 RAM, 11/032, 0MISC1, 4ENC, 0LCD, 22-255,255.0.0, CON=COM-TCP-TCP, 1-637-49-1936-101-441, Schließen 30,8,129: CPU5+IO1(16/16) Teach-In 1 Verschieben 5 COM:6 (USB) Textausrichtung BORRIES Linksbündig Grundlinie Benutzereingabe Resultierender Prägetext: Information: # Layer: 123456789

## **Technical data sheet**

### Application area

 $(\cdot)$ 

Traceability Special-purpose machines

A computer-supported software program for controlling the BORRIES marking controller. Menucontrolled and configurable to cover a wide variety of applications from scribe, dot-peening and DataMatrix marking systems. Operation of the interface is intuitive due to the clearly arranged structure. Interfaces to a wide variety of peripherals as well as communication with production control systems are possible.

The "VisuWin SE" software is predestined for the field of nameplate marking systems and manually-operated marking systems for a wide variety of workpieces or workpieces that frequently change.

Borries Markier-Systeme GmbH Siemensstraße 3 72124 Pliezhausen/ Germany

+49/ (0)7127/ 9797-0 Phone Fax +49/ (0)7127/ 9797-97 info@borries.com • www.borries.com Conventional marking technology

Scribe, stylus and dot-peening marking technology

Type-wheel marking technology



Laser-marking technology

🜖 Traceability

Special-purpose machines

#### **Basic functions**

- True image display when creating, processing and marking images (layouts).
- Functions for date, time, work shift, counter and serial numbers.
- Storing workpiece images (layout-dependent).
- 15 character sets for dot-peening, scribe lettering and DataMatrix code (ECC200, GS1).
  Special characters, logos and customisable character sets.
- Square and rectangular DataMatrix codes with up to 52 x 52 dots and 16 x 48 dots.
- Plot files (HPGL) or convertible from DXF (optional: converter).
- Data transfer from barcode scanner, serial (STX/ETX, 3964R, freely definable control characters), fieldbus, file transfer or network interface (TCP/IP).
- Acceptance of external full or partial data.
- Different controls of the data can be configured: Vehicle identification number (Modulo 11, Modulo 11 with extra test digit), Modulo 43, length, format.
- Order management (jobs).
- Predictive maintenance: Independent maintenance message and monitoring of operating data.
- Unlimited number of layouts (100 fields with a maximum of 128 characters per line per layout).
- Data queue.
- Global variables for multiple layouts.
- Protection against double marking (up to 10,000 numbers).
- Logging of data for backups or updates.
- Control of up to six motor axes.
- User interface with language switching.
- Password functions.
- Interface simulation wizard.
- Comprehensive and detailed software description.
- Status display and control of the digital inputs and outputs.
- Configurable font parameters:
  - Character height Arc
    - Character width Character spacing
    - Text width Marking direction
    - Angle
      Alignment of the text

And many other configuration options.

Conventional marking technology

Scribe, stylus and dot-peening marking technology

Type-wheel marking technology



Laser-marking technology



Special-purpose machines

#### Options

- Interfaces:
  - Digital I/O signals
  - Profibus DP
  - Profinet I/O
  - Profinet IRT
  - DeviceNet
  - Ethernet/IP
- Labelling of round parts
- Control panel
- Touch-on functions
  - Tolerance compensation for a constant distance to the workpiece surface
  - Marking on an inclined plane by double touch-on (automatic angle calculation)
- Tool checks (stylus break, piston movement)
- Workpiece queries and start conditions
- Workpiece clamping
- Camera system

Other functions on request.

#### Minimum requirements for PC and operating system

- Operating system: Windows<sup>®</sup> 7/8.1/10 (all 32/64-bit)
- Processor: Single core processor min. 1.5 GHz.
- Random access memory: 2 GB RAM
- Hard disk space: 100 MB free space
- Graphics card/Monitor: Resolution min. 1024 x 786 pixels
- Interface to marking controller: Ethernet, serial (RS-232C) or USB 2.0
- Data interface: Ethernet, USB or serial (RS-232C)

Subject to technical changes.



Borries Markier-Systeme GmbH Siemensstraße 3 72124 Pliezhausen/ Germany Phone +49/ (0)7127/ 9797-0 Fax +49/ (0)7127/ 9797-97 info@borries.com • www.borries.com