



Workshop unit 520 DOTStar

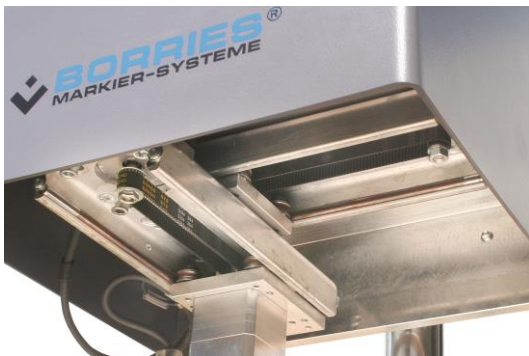
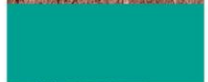
Technical data sheet

- Marking unit for universal and flexible use for the direct marking of workpieces
- Electrical precision marking head
- Designed for one-off production runs and small volume series
- Marking area size 120 x 100 mm (X/Y)
- Drive with stepping motors and belt drive
- Marking techniques available: Dot-peening and Vibropeening
- DataMatrix Coding (ECC 200)



Application area

The DOTStar 520 is a compact workshop unit for permanent, flexible markings on almost every material. With this product BORRIES offers you best technology in a low-wear and easy to maintain design for a low and unrivalled price. The large marking area offers the opportunity to mark texts with one or more lines, in free scalable size. Markings of angles and circular arcs are also possible as well as date, time and consecutive numeration. The marking data can be easily entered via the included BORRIES marking software "VisuWin SE". A graphical user interface enables a quick installing and adapting of marking pictures (layouts).



Belt drive



Electrical marking head



Technical Data

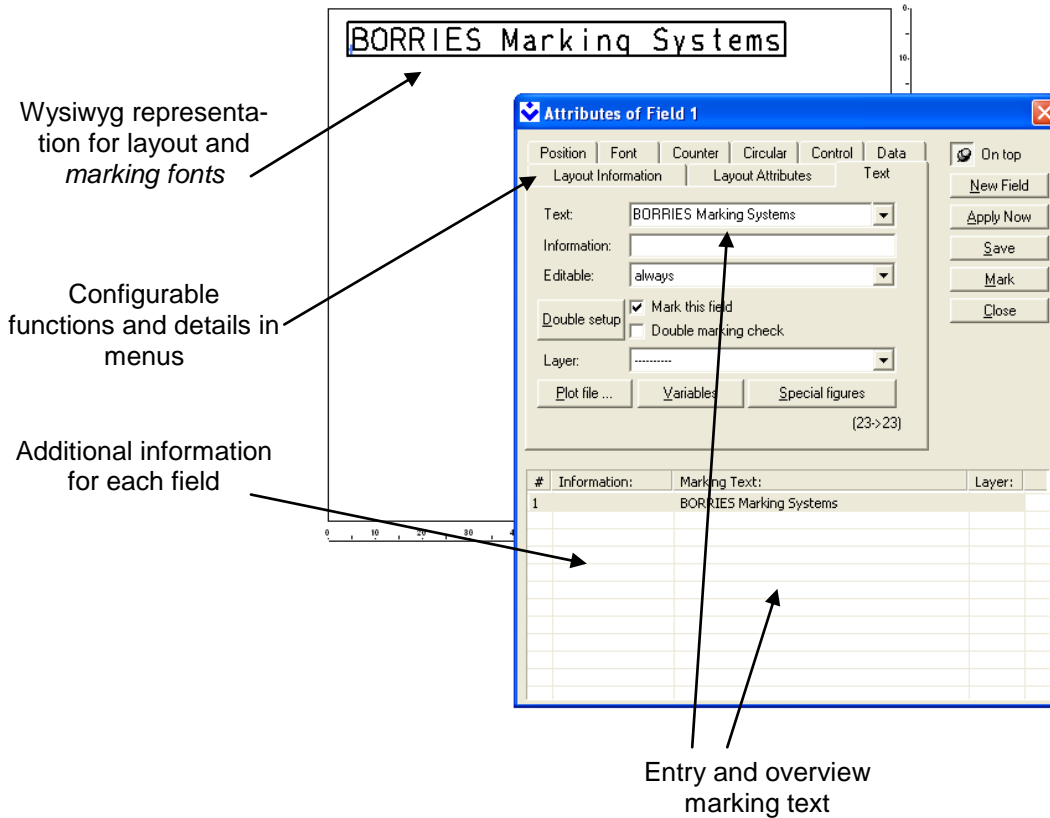
Property	Measure, Unit, Explanation
• Measurements marking unit with table and column (H x W x D)	630 x 330 x 370 mm
• Marking area size (X, Y)	120 x 100 mm
• Weight	ca. 15 kg
• Marking speed (depending on character size and shape and marking process)	ca. 1 - 3 characters/ second
• Character height	free scalable from 0,5 mm
• Penetration depth (depending on material of workpiece)	ca. 0,03 – 0,3 mm
• Distance from table to tool point	0 - 180 mm adjustable
• Font	7 x 5, 9 x 7 Dot-peening, Vibropeening, DataMatrix Optionally different fonts on request
• Marking direction	Straight line, angle or circular arc
• Documentation	German, English, French, Spanish, Italian Other languages on request
Media supply	
• Power supply via power supply with connecting cable	230 V AC ± 10 %, 50/60 Hz or 115 V AC ± 10 %, 50/60 Hz
• Electrical power consumption	Typical 140 W

Subject to technical modifications.

Marking software VisuWin SE

- Universally applicable marking devices software for PCs with Windows® operating system
- WYSIWYG representation during creation, processing and marking of the layouts
- Numerous date/ time functions, counters, variables
- Different standard character sets (optionally different fonts or logos)
- Plot-files (in HPGL) markable
- Data transfer via barcode (serial, optional), data transfer from files, configurable extraction of marking data
- Unlimited quantity of the layouts (theoretically)
- Storable marking job for sequences
- Protocol function via marked data
- Password protection against unauthorised access



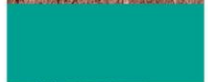
Wysiwyg representation for layout and marking fonts

Configurable functions and details in menus

Additional information for each field

Entry and overview marking text

#	Information:	Marking Text:	Layer:
1		BORRIES Marking Systems	



Minimum requirements for PC and operation systems

- Computer with a processor of at least 1500 MHz
- CD-ROM drive
- Min. 1024 MB RAM
- Min. 100 MB free disk space
- Operating systems: Windows2000, Windows XP or Windows 7, 32/ 64 bit.
- Screen with 1024x768 pixels or higher
- Interfaces: Network, optionally USB 2.0 or serial interface for barcode scanner

Subject to technical modifications.