







-  Conventional marking technology
-  Scribe, stylus and dot-peening marking technology
-  Type-wheel marking technology
-  Laser-marking technology
-  Traceability
-  Special-purpose machines

Marking controller BMC Lite

Technical data sheet

- Universal marking controller in a compact housing
- Suitable for all marking systems with 2 or 3 axis
- Compatible with scribing, dot peen, and stylus marking processes, including DataMatrix coding
- External control via PC software VisuWin SE or VisuWin PRO



Marking controller BMC Lite

Application area

The marking controller can be used in marking stations with either manual or automated workpiece handling.

Creating, managing, and modifying different marking layouts is done via a separate PC using the VisuWin SE or VisuWin PRO marking software. These programmes are designed to interface with higher-level control systems.

- The marking process is controlled by a supervisory PC
- Different interfaces for data transfer possible

BORRIES
MARKING CONTROLLER

BMC LITE
2-/3-AXIS CONTROLLER



STANDARD
INTERFACES:







◆ Ethernet

HIGHER-LEVEL
CONTROL
PC WITH MARKING-SOFTWARE
VISUWIN SE OR PRO



Option

- Control panel

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

Feature	Dimensions / Unit / Description
Dimensions	330 x 200 x 120 mm
Application	All 2- and 3-axis systems, suitable for wall mounting
Power supply (standard)	Wide-range power supply (100 – 240 VAC, 50/60 Hz) integrated in the controller
LED indicator for power supply	Yes
Power consumption	240 W
Circuit protection	mind. 6 A / max. 16 A
Ambient temperature / Heat dissipation via housing	0 to +40 °C
Protection class	Min. IP54, dust and splash-proof
Weight	Approx. 5,5 kg
Cable length (marker to controller)	Up to 15 m, suitable for drag chains and robotic use
Max. number of motor axis	3
System interface	Ethernet
Buffered real-time clock	Yes
Emergency stop shutdown	Emergency stop via external safety relay possible
Safety-relevant parameters	B10d = 450,000 cycles (Sistema library available)
USB stick with backup software	Yes

Subject to technical changes.