Marking-Controller BMC

Technical data sheet

- Universal marking controller in compact housing
- For all marking systems with 2 or 3 axes
- Can be used for scribe, stylus, dot-peening marking process and data matrix
- With integrated graphic 10" touch display
- VisuMark software Alternative: External control via VisuWin SE or VisuWin PRO PC software

Marking controller, BMC table-top variant

Application area

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

Version 1:

In terms of control technology, the marking controller can be integrated into the higher-level station controller and is equipped with the VisuMark program. The modification of stored parameters (including marking texts and positions, including teaching of marking positions) and the adaptations to the configuration are carried out via the graphical user interface with the graphical preview of the marking image.

Version 2:

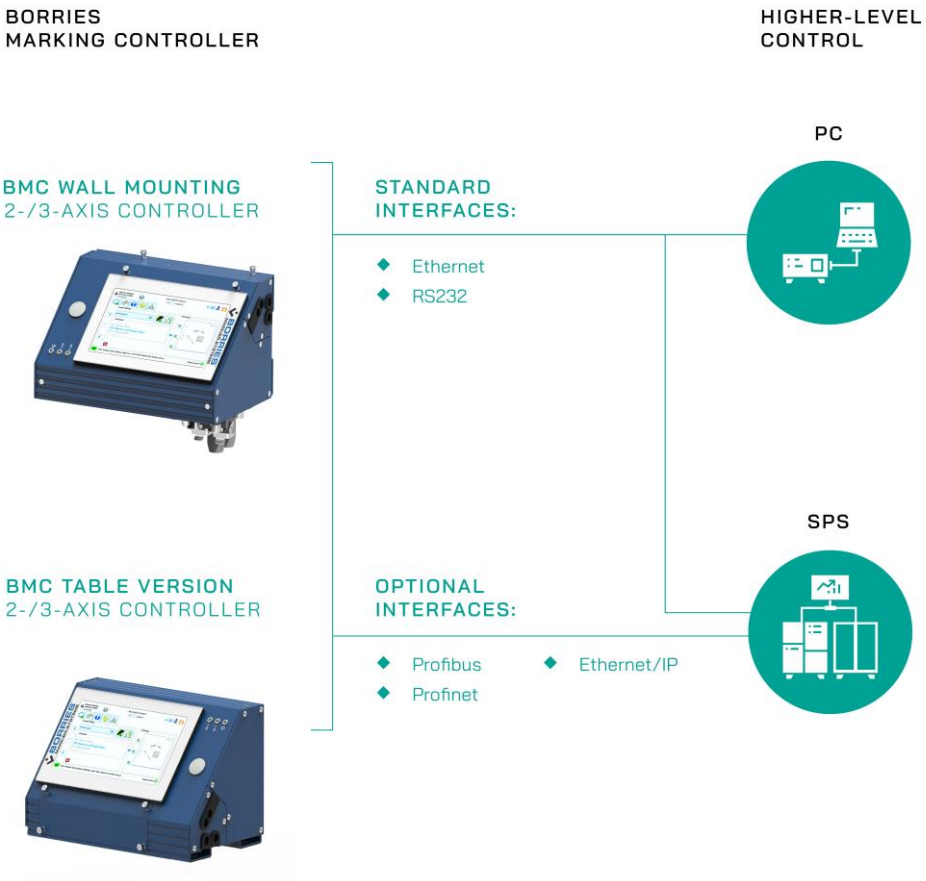
The marking data is entered directly into the marking controller and transmitted to the marking unit.

Version 3:

The different marking images are created, managed and modified via a separate PC with the VisuWin SE or VisuWin PRO marking program. These programs are prepared for data linking with the higher-level controller.

Options

- Different interfaces for data transfer possible



- The marking process can also be started by a higher-level controller
- Receipt of variable marking data, e.g. via a barcode scanner
- Operating console with emergency stop, acknowledge fault, home position and start marking
- Emergency stop button on the front of the controller

Technical data

Properties	Dimensions, unit, explanation
Dimensions	355 x 225 x 236 mm
Use	All 2- and 3-axis systems. For table-top placement, wall mounting or mounting on a VESA holder
Standard power supply	Wide-range power supply (90–260 V AC, 50/60 Hz) integrated in the controller
Power supply LED display	Yes
Power consumption	240 VA
Back-up fuse rating	Min. 6 A/max. 16 A
Ambient temperature Heat dissipation via housing	0° to +40° C
Protection class	At least IP52, dust and drip proof
Weight	Approx. 7 kg (Standard version)
Marking unit cable length to the controller	Up to 15 m, suitable for drag chains and robots
Max. number of motor axes	3
System interface	Ethernet, USB
Data interface Option: Bus interface	Ethernet, RS232 On-Board Profibus, Profinet, Ethernet/IP as plug-in module
Real-time clock, buffered	Yes
Emergency stop shutdown possible via external safety switching device	Yes
Option: Emergency stop button	Integrated in the housing cover or as an operating console
Display	Integrated in the housing cover, fully graphical 10" touch display (capacitive)
Safety-related characteristics	B10d = 450,000 cycles (Sistema library available)
USB stick with back-up software	Yes

Subject to technical changes.

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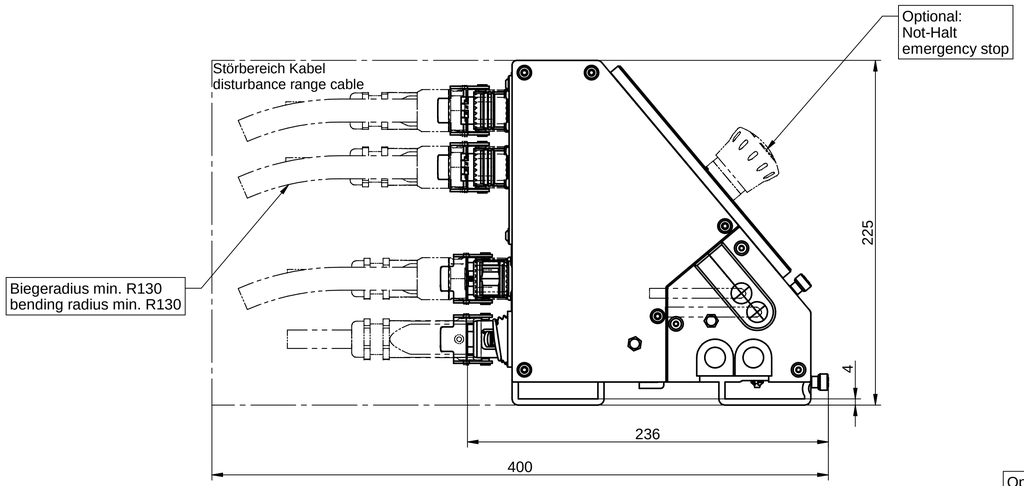
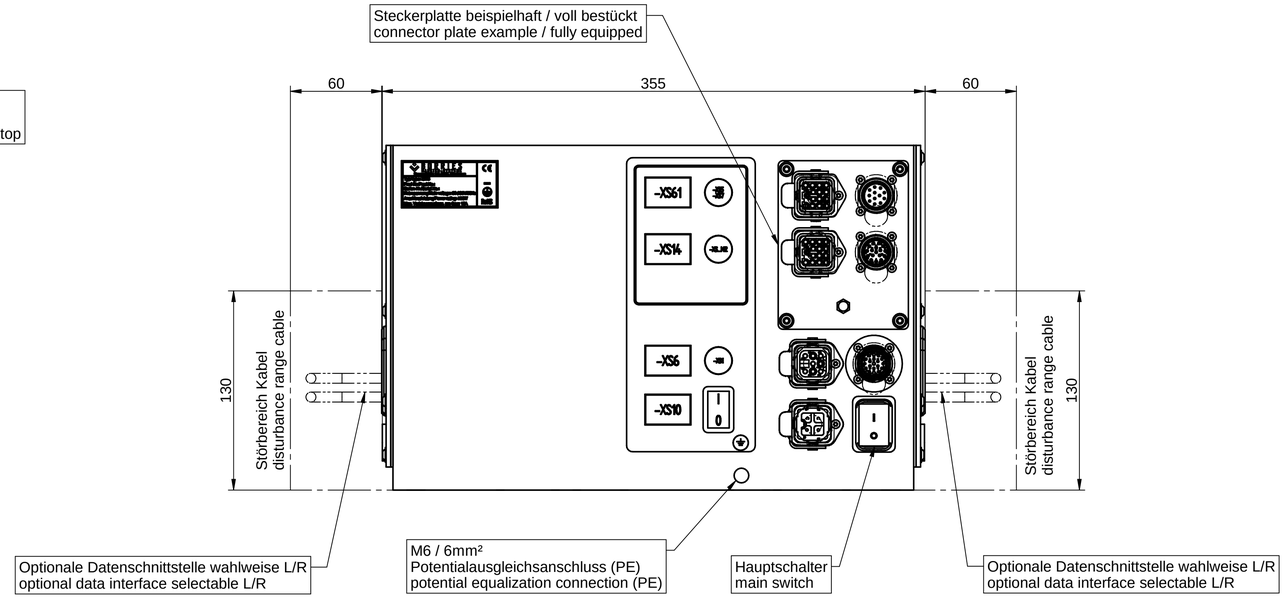
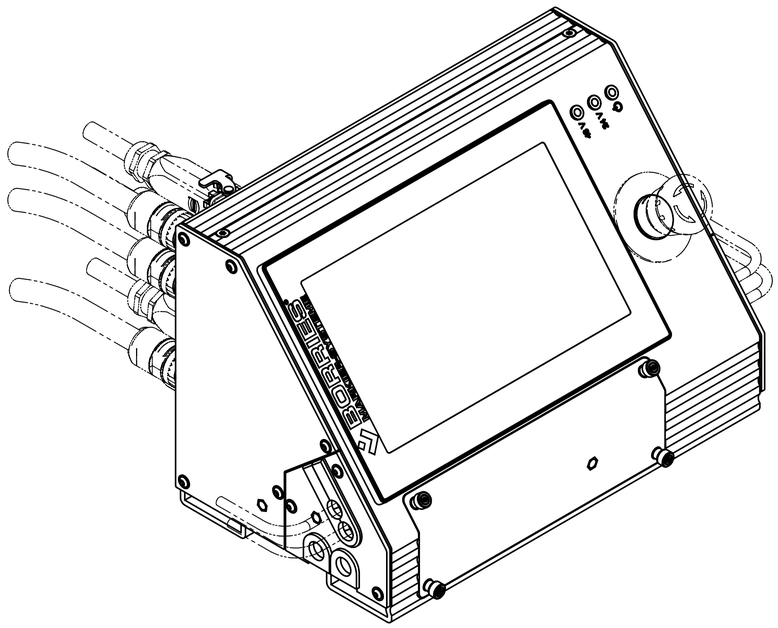
BMC-Steuerung
BMC-Controller







Maßangaben/dimensions in mm,
Technische Änderung vorbehalten
technical modifications reserved

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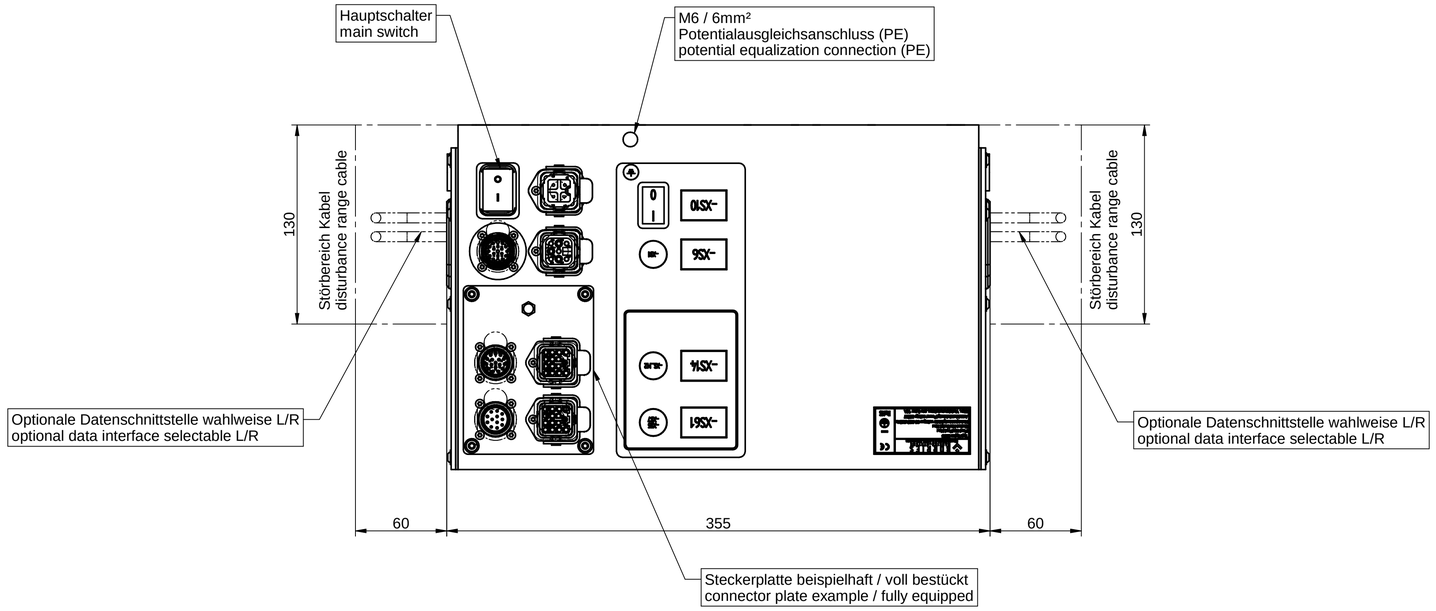
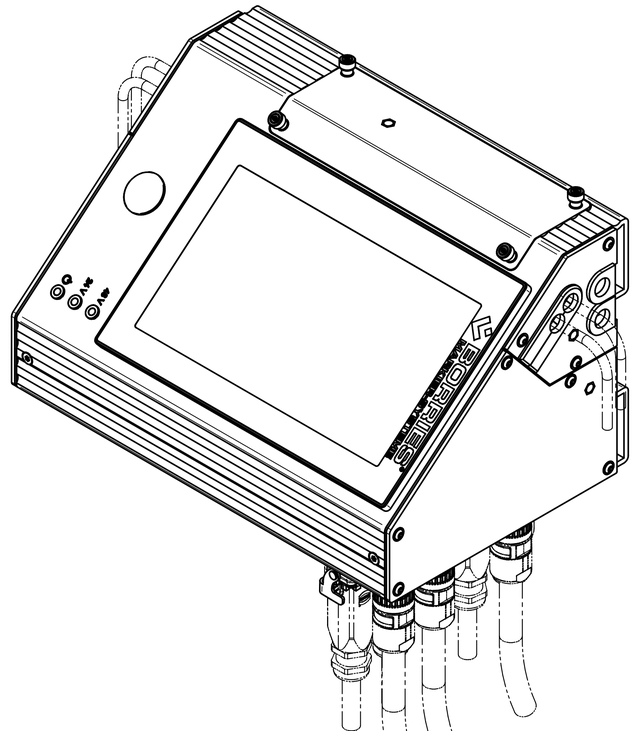
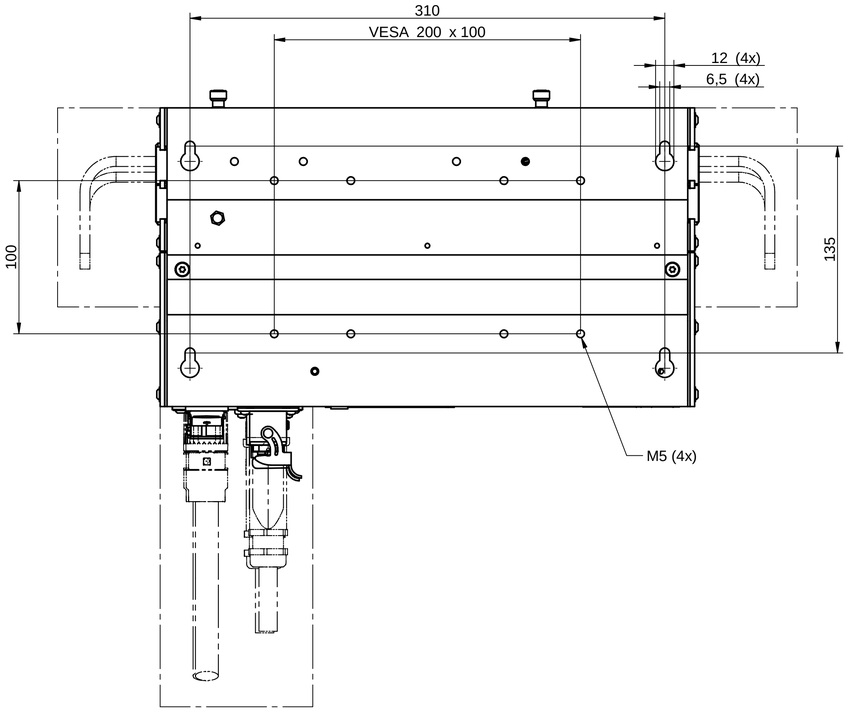
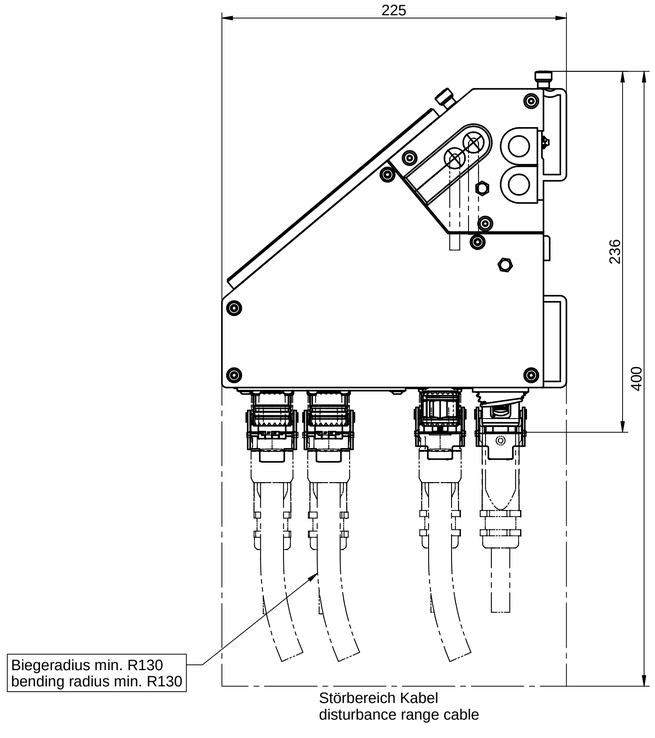
BMC-Steuerung
BMC-Controller









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