





Technical data sheet

- Marking area size 120 x 20 mm (X/Y)
- Different marking processes: Scribe, stylus, dot-peening and Vibropeening
- DataMatrix coding (ECC200)
- Compact and solid workshop unit for flexible component marking
- Robust ballscrews and carriages with revolving ball guides in both axes
- Drive with powerful stepper motors



Fig. 313 with table and column









BMC controller (BORRIES marking-controller)

- Universal 2-/3-axis marking controller in compact housing
- With integrated full-graphic 10" touch display
- Dimensions: 355 x 225 x 236 mm
- Included in the scope of delivery



Area of application

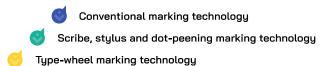
The 313 workshop unit is ideal for a wide variety of applications in trade and industry, in which legible markings are required on materials such as steel and aluminium in the form of dot-peening, Data Matrix codings or simple scribing tasks. Thanks to its simple operation, the system is excellently suited for use in workshops for individual and standard markings, in quality assurance and in warehouse management.

The 313 model provides a large writing area of 120 x 20 mm. Single-line or multi-line marking is also possible in larger character heights. Quick-change, optional workpiece supports enable adaptation to almost all workpiece geometries.

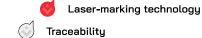
The compact BMC marking controller offers extensive possibilities for data input via PC, barcode scanner or PLC. It is also used for the simple creation and selection of marking jobs. The character heights and font width can be freely scaled.



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







Special-purpose machines

Options

- Covering of the underside of the marker with a dirt cover
- Application-dependent positive stop (prism, screw tops or rubber studs)



Prism for round components optional



Positive stop for flat components

Technical data

Dimensions, unit, explanation
350 x 460 x 705 mm
120 x 20 mm
Approx. 25 kg
Up to 6 characters/second
from 1 mm (in 0.1 mm steps)
German, English or French
Other languages optional
Approx. 0.01–0.5 mm (see marking head data sheet)
DIN 1451, 7 x 5 dot-peening, scribe marking, stylus marking, Vibropeening, DataMatrix code, other fonts optional
Optional according to the template
Straight, angled or circular

Media supply

mount capping	
Power supply via BMC with connection cable	Wide-range power supply integrated in the controller
Compressed air connection (supply pressure) With technically conditioned compressed air	Min. 5 bar (min. 75 psi) Dried, oil-free, filtered with 50 μm
Working pressure (marking pressure)	Min. 2 bar up to max. 4 bar (30 psi to max. 60 psi)

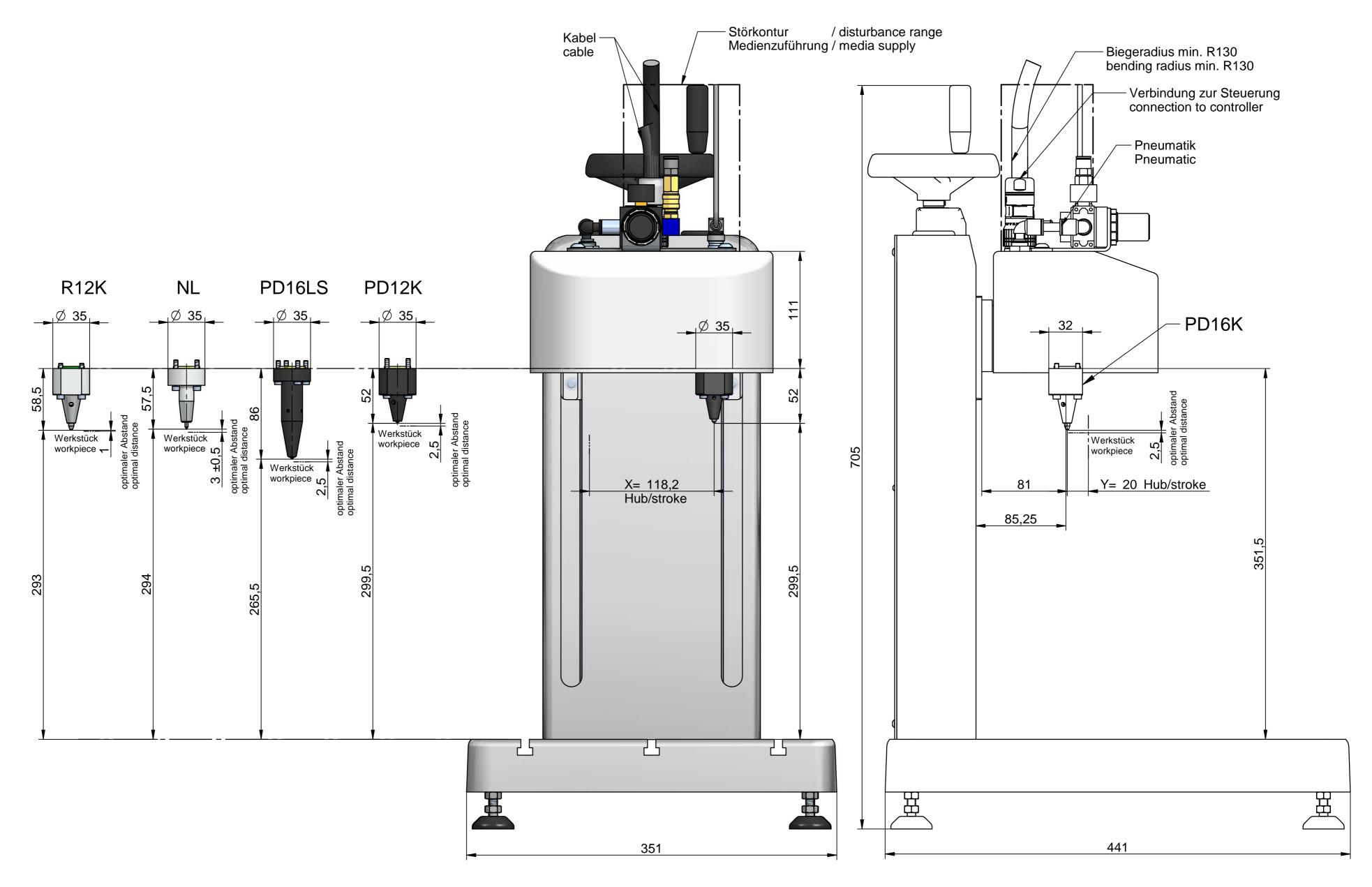
Subject to technical changes.



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