



317 Built-in unit

Technical data sheet

- Marking area 120 x 25 mm (X/Y)
- Available marking technologies: scribe, stylus or dot marking
- DataMatrix coding (ECC200)
- Powerful, compact and robust marking unit for flexible markings on workpieces
- Robust s ball bearing spindles and carriage with circular ball track in both axes
- Drive with powerful stepping motors
- Control (marking controller): EK2-Box with membrane keypad and display, protection class IP 53, or EG2-Box with electric adjustment unit, protection class IP 54



Application area

The built-in marking unit 317 can be integrated in production lines as well as in stand-alone cells. The marking unit can also be mounted on other holding devices provided by the customer for examples in production systems. The connection to a superordinate control (for example SPS) for data transfer or to control the marking process including emergency stop functions is possible. Standard delivery is with LDM Makro software. Optionally VisuWin SE and VisuWin Pro PC software are available.

Options

- Pneumatic or electric adjustment unit (only in conjunction with EG2-Box)
- Surface detection (only in conjunction with electric adjustment unit)





Technical data

Property	Measure, Unit, Explanation
Dimensions marking unit (W x D x H) without attachments	268 x 168 x 220 mm
Marking area (X/Y)	120 x 25 mm
Weight (without controller)	approx. 5.5 kg
Marking speed (depending on character height and shape, marking process and motorization)	Up to 6 characters/ second
Character height	from 1 mm (enhancing in 0.1 mm)
Documentation	German, English More languages are optional
Penetration depth marking tip (depending on material, marking head and marking process)	approx. 0.01 – 0.5 mm
Font	DIN 1451, 7 x 5 stylus, scribe, dot marking DataMatrix Other fonts are optional
Marking direction	Straight line, angle or circular arc
Special signs, logos	According to specifications

Power supply

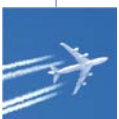
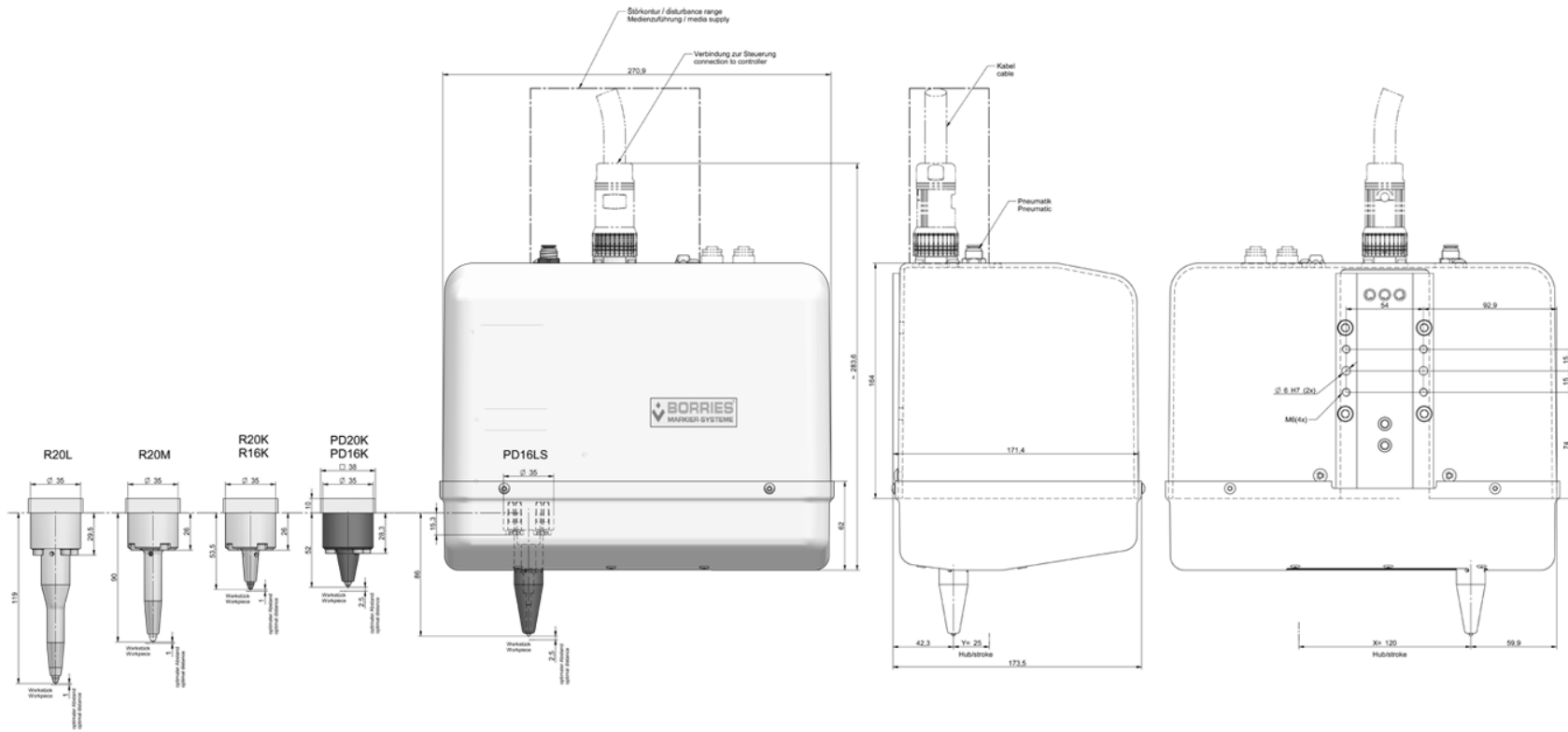
Power supply with connecting cable	230 V AC ± 10 %, 50/60 Hz or 115 V AC ± 10 %, 50/60 Hz switchable
Pneumatic connection (supply pressure) technically provided compressed air	At least 5 bar dried, oil-free, filtered with 50 µm
Working pressure (marking pressure)	at least 2 bar up to max. 4 bar



Technical details are subject to change.



Drawing 317 built-in unit with contact protection





Drawing 317 built-in unit without contact protection

