





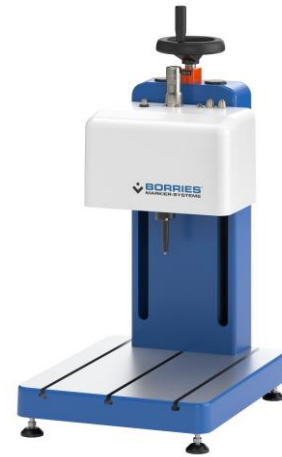


-  Conventional marking technology
-  Scribe, stylus and dot-peening marking technology
-  Type-wheel marking technology
-  Laser-marking technology
-  Traceability
-  Special-purpose machines

## Workshop unit 317

### Technical data sheet

- Marking area 120 x 25 mm (X/Y)
- Different marking processes: Scribe, stylus, dot-peening and Vibropeening
- DataMatrix coding (ECC 200) possible
- Powerful, compact and stable workshop unit for flexible marking of components
- Robust ballscrews and carriages with revolving ball guide in the two axes
- Drive with powerful stepper motors



#### EK2 box control (marking controller):







- Universal 2-axis marking controller in compact housing
- With integrated membrane keyboard and 4-line display
- Protection class IP 53
- Dimensions: 220 x 144 x 82 mm (L x W x H)
- Included in the scope of delivery



#### Application area

The 317 workshop unit is a compact marker for permanent, flexible markings on almost all materials. Thanks to the ballscrews and the carriages with revolving ball guide in the two axes, this model has a very robust construction. The large labelling field offers the possibility of marking one or more lines of text in a freely scalable size. Angled and circular lettering as well as date, time and sequential numbering are also possible.

The 317 model is supplied with the LDM Makro software as standard. The PC software programs VisuWin SE and VisuWin PRO are also available as an option.

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## Technical data

Property	Dimensions, unit, explanation
Dimensions of marking unit (W x D x H)	350 x 440 x 640 mm
Marking area size (X/Y)	120 x 25 mm
Weight (without controller)	Approx. 26 kg
Marking speed (depending on character height and form, marking process and motorisation)	Up to 6 characters/second
Character height	from 1 mm (in 0.1 mm steps)
Documentation	German, English Other languages optional
Marking tip penetration depth (depending on the material to be marked, marking head and marking process)	Approx. 0.01 – 0.5 mm
Font	DIN 1451, 7 x 5 dot-peening, scribe marking, stylus marking, Vibropeening DataMatrix code Other fonts optional
Writing direction	Straight, angled or circular
Special characters, logos	Optional according to the template
<b>Media supply</b>	
Voltage supply via power supply unit with connection cable	230 V AC ±10%, 50/60 Hz or 120 V AC ±10%, 50/60 Hz switchable
Compressed air connection (supply pressure) with technically conditioned compressed air	Min. 5 bar (min. 75 psi) Dried, oil-free, filtered with 50 µm

Subject to technical changes.

