

Marking unit 313 VVM

Technical data sheet

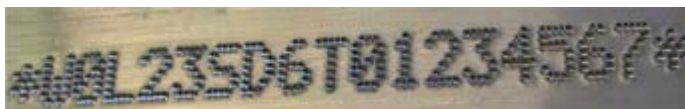
- Compact and solid marking unit for marking of for example vehicle identification numbers
- Diversity of marking processes: dot marking or Vibropeening
- Marking area 120 x 20 mm
- Fixation on the work piece with vacuum exhausting
- Robust ball bearing spindles and carriage with circular ball track in both axes
- Drive is provided by powerful stepping motors
- Control: compact controller EK-Box with membrane keyboard and display, protection class IP 54 integrated in an transport case
- Case with wheels



Application area

This easily transportable handheld unit is best suited for limited-lot production like for example the marking of vehicle identification numbers. The 313 VVM is a mobile marking device and is operated manually. Even with bigger font sizes markings of one or more lines are possible. Due to its good ergonomic features and its easy way of operating, the device is eminently suited for usage in workshops, in quality control and in stock management.

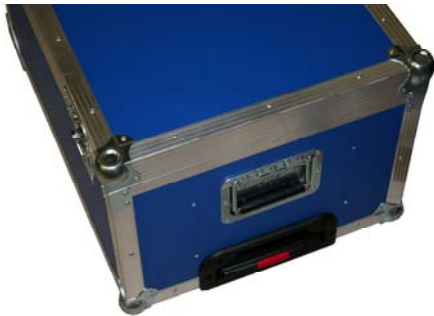
The 313 VVM is setting new standards with a weight of only 3.5 kg. Measuring rather small, it still offers a large marking area of 120 x 20 mm. With the help of the integrated membrane keyboard the marking text can be entered as well as the marking jobs can be generated and chosen. The font heights and widths are freely scalable.



Marking example: vehicle identification number in 7:5 dot matrix marking

Options

- Data input via Barcode-scanner



Technical details are subject to change.

Technical Data

Property	Measure, Unit, Explanation	CO*	AO*
• Dimensions marking unit (W x D x H) without attaching parts	ca. 230 x 280 x 214 mm (dependent on workpiece edition)		
• Dimensions transport case	630 x 460 x 380 mm		
• Marking area (X/Y)	120 x 20 mm		
• Weight (without steorage/ controller)	ca. 3.5 kg		
• Writing speed (depending on character size and shape, marking process and motorisation)	up to 6 characters/ second		
• Character height	from 1 mm (enhancing in 0,1 mm steps)		
• Operating pressure pneumatic marking head	2 - 6 bar		
• Documentation	German, English or French more languages	X	X
• Penetration depth marking tip (depending on marking head, marking process and material)	ca. 0.01 - 0.5 mm (see data sheet marking heads)		
• Noise level	ca. 85 dB(A) (depending on the marking material and workpiece)		
• Supply voltage	230 V 50 Hz/ 115 V 60 Hz		
• Dot matrix character shape	7:5 dots in height/width		
• Alternative character shape	9:7 or OCRA		X
• Vibropeening			
• Standard character shape	A-Z, a-z, 0-9 .,*		
• Special characters, logos	according to original		X

*) CO = construction option, will be defined by placing of order - no additional charge; AO = additional option, can be ordered additionally - additional charge