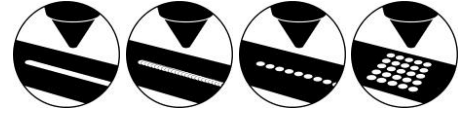




Built-in unit 312V

Technical data sheet



- Marking area 51 x 51 mm (X/Y)
- Diversity in marking technologies: scribe, stylus or dot marking
- DataMatrix coding (ECC200)
- Compact and solid marking unit as installation component for flexible workpiece marking
- Robust 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



Application area

The built-in marking unit 312V can be integrated in production lines. It is suitable for plain text markings in stylus marking or DataMatrix coding in steel or aluminium. Scribe marking is also possible.

Standard delivery is with LDM Macro software. Here, standard settings are printer or layout mode. As an option VisuWin SE as well as VisuWin PRO PC software are available.

Options

- Pneumatic adjustment unit (50mm, 80 mm or 100 mm stroke)
- Electric adjustment unit (125 mm stroke, only in conjunction with EG2-Box)
- Surface touching (only in conjunction with electric adjustment unit)
- Dirt cover at the bottom of the marking unit





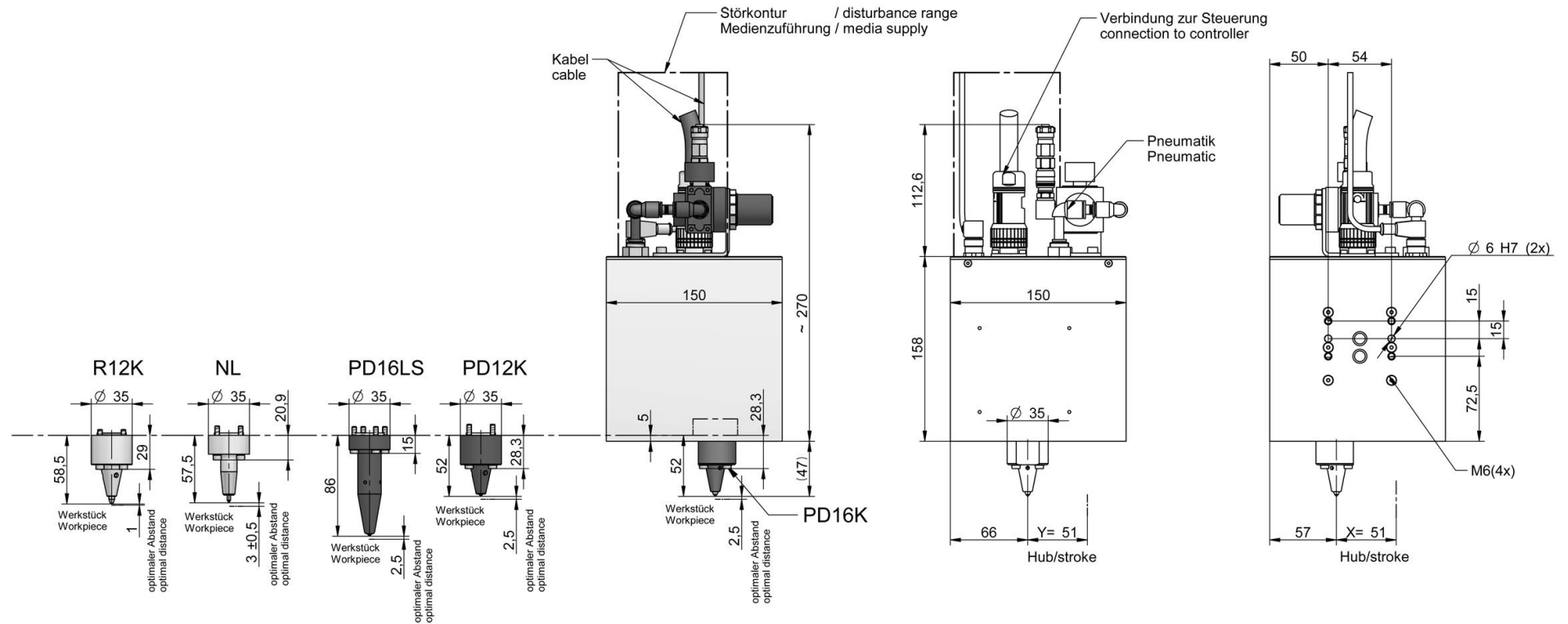
Technical data

Property	Measure, Unit, Explanation
Dimensions built-in unit (W x D x H)	150 x 150 x 270 mm (without marking head)
Marking area (X, Y)	51 x 51 mm
Weight of marking unit (without controller)	approx. 4 kg
Marking speed (depending on character height and shape, marking process and motorisation)	up to 6 characters/ second
Character height	from 1 mm (enhancing in 0.1 mm steps)
Mounting position	free selectable
Documentation	German, English or French Other languages are optional
Penetration depth marking tip (depending on material, marking head and motorisation)	approx. 0,01 – 0,5 mm (see data sheet marking heads)
Font	DIN 1451, 7 x 5 dot marking, scribe, stylus DataMatrix Other fonts are optional
Special signs, logos	according to specification
Marking direction	straight line, angle or circular arc
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 built-in unit 312V without dirt cover

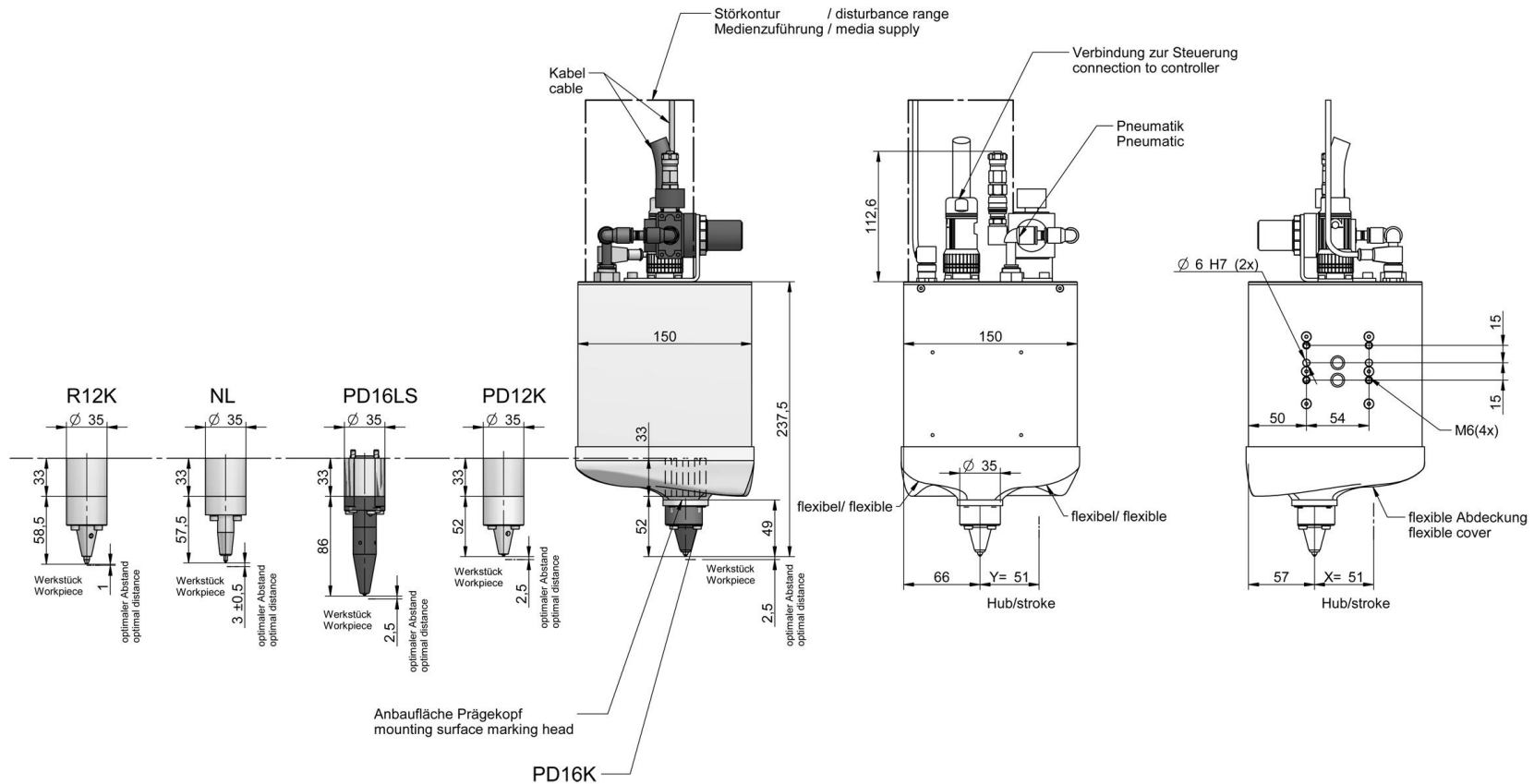


Dimensions in mm

Technical details are subject to change.

Date: July 2015

Drawing built-in unit 312V with dirt cover



Dimensions in mm

Technical details are subject to change.

Date: September 2015