

Built-in unit 312

Technical data sheet

- Compact and solid built-in unit for flexible work piece marking
- Diversity in marking processes: scribe, stylus or dot marking
- DataMatrix coding (ECC200)
- Marking area 51 x 51 mm (X/Y-axis)
- Robust ball bearing spindles and carriage with circular ball track in both axes
- Drive is provided by powerful stepping motors
- Control (marking controller): EK-box with membrane keyboard and display, protection class IP 54



Application area

The compact 312 model can be integrated in production lines as well as in stand alone cells. Standard delivery is with "Standard MACRO" or "Keyboard MACRO" software. As an option is the "VisuWin SE" as well as "VisuWin PRO" PC software available.

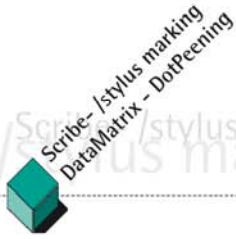
Options

- Counter bracket, depending on application
- Pneumatic infeed slide (50 mm, 80 mm or 100 mm range)
- Mechanical quick-change unit with fine adjustment (Z-position)
- Dust protection bellow at the bottom of the marking unit

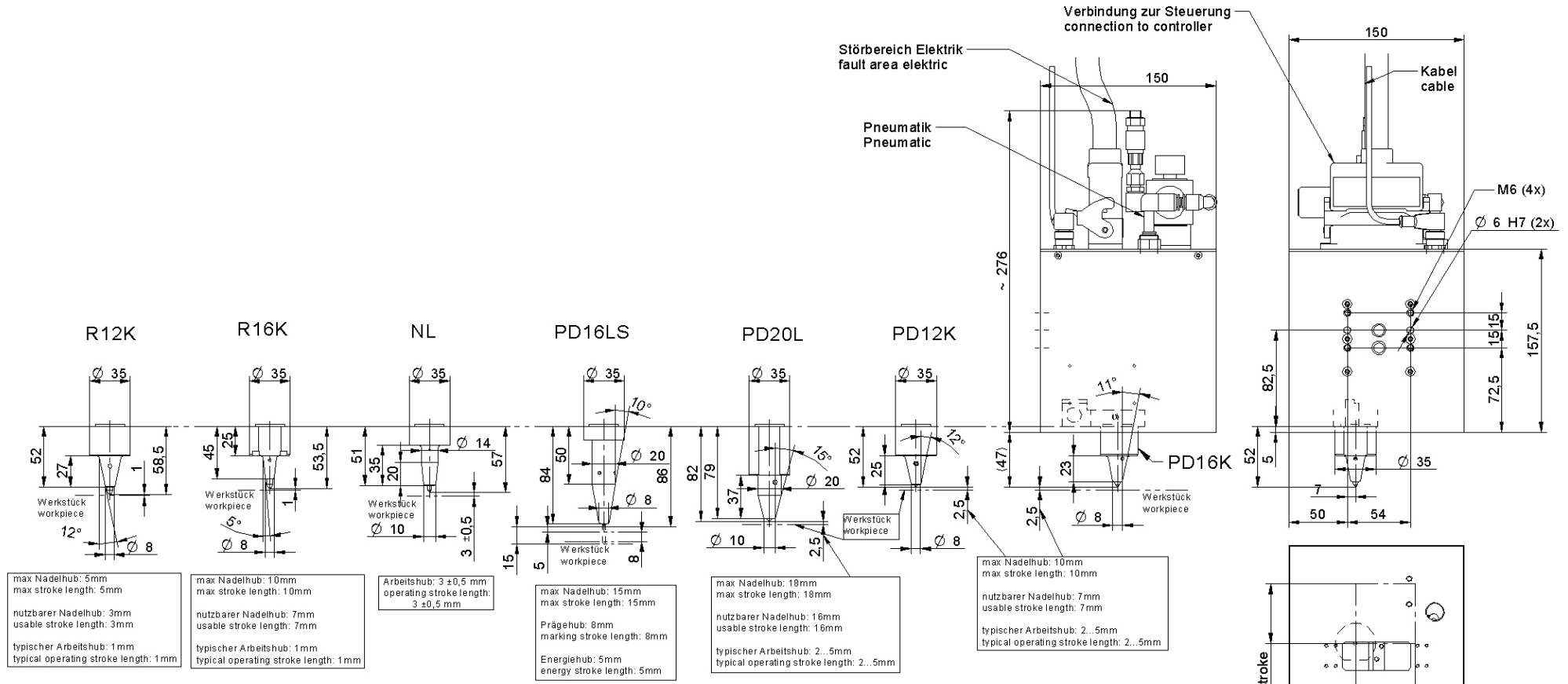
Technical Data

Property	Measure, Unit, Explanation
• Measurements marking unit (H x W x D)	160 x 150 x 150 mm (without marking head)
• Marking area (X, Y)	51 x 51 mm
• Weight of marking unit	ca. 3 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)
• Operating pressure	2 – 6 bar
• Mounting position	any selectable
• Documentation	German, English or French (more languages are optional)
• Penetration depth marking tip (depending on marking head, marking process and material)	ca. 0.01 – 0.5 mm (see data sheet marking heads)
• Input supply voltage	115 or 230 V

Technical details are subject to change.



312 without protective bellows



Maßangaben in mm
Technische Änderung vorbehalten
Stand: April 2010

