

# MagicPin 100 T

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## Table-Mounted Dot Peen Marking System

A cost-effective industrial marking product

- For fast, durable high quality dot peen marking
- Marks most materials up to maximum hardness of 62 HRC!
- Large marking field of 100mm x 100mm
- Compact and reliable design for industrial environments!
- Very high marking speeds with up to 5 characters per second!
- Low maintenance costs!

With our PinMark dot peen marking systems, the mark is created by vertically oscillating a carbide indenting pin, which is moved along the X and Y axes using two stepping motors.

Depending on the needle system, the needle frequency is adjustable (WP 2: 18 to 100 Hz) or continuous running (WE 2: ~200 Hz). At high needle frequency the mark is created by a dense series of points, forming an uninterrupted line. At lower needle frequencies uneven surfaces can be easily marked. Any alpha-numeric characters, figures, symbols including Datamatrix codes can be marked with high quality.



Text can be positioned at any angle or curve. With our MagicPin100T products can be positioned under the table mounted marking head to be marked. The height of the workpiece is adjusted by a hand-operated wheel on the fixed column.

Our compact table-top unit will fit easily on the workbench.



UMC Box controller



UMC Eco controller

The MagicPin100T can be controlled with either our PinMarkUMC eco or UMC box controller. For further technical specifications about the control unit please see the appropriate data sheet.



## Trend Marking Systems

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### Technical data:

	MagicPin 100 T
Dimensions marking head (depth x width x height)	188 x 207 x 141 mm
Marking field	100 x 100 mm
Max. Height of the product to be marked	300 mm (using a needle system WE 2)
Weight (marking head, table and height axis)	4.5 kg
Resolution	Standard 0.0625 mm per step
Needle systems	WE 2 and WP2
Needle frequency	Oscillating approx. 200 Hz (WE 2) or controlled 18 - 100 Hz (WP 2)
Marking speed	Max. 5 characters/s
Control	<ul style="list-style-type: none"> <li>• UMC eco with LC display, keyboard and interface RS-232</li> <li>• UMC box with marking software for an external PC</li> </ul>
Compressed air	Max. 6 bar (6 mm connector)
Power supply	Via control unit (100 to 230 V, 50/60 Hz)

All statements about scope of supply, design and technical specification are based on the knowledge as of date of print. Specifications subject to be changed without notice.