

Integrated Dot Peen Marking Systems

High quality complete marking solution

For direct, durable and flexible part marking on most materials. From straightforward text to serial numbering, logos and 2D code creation.

Features of the PinMark E series:

- ▶ Compact industrial design
- ▶ Easy integration into production lines
- ▶ Very high marking speeds
- ▶ Low purchase and operational costs
- ▶ Low maintenance

Dot peened marks are created with a carbide needle driven by compressed air. The needle is moved in X-and Y- directions by two stepper motors. This process either compresses or displaces the material being marked.

The E series of PinMark machines is created specifically for integration into production lines.

The UMC 112 control unit is used to operate the PinMark E range. Details of this machine can be found on its spec sheet.

The 5/10 E and 8/14 E models are also available with deep marking needles.



Technical Data PinMark H	NP 3/5 E	NP 4/6 E	NP 5/10 E	NP 8/14 E
Dimensions (DxWxH) without needle	111 x 111 x 203mm	150 x 145 x 252mm	261 x 190 x 132mm	318 x 255 x 170mm
Marking field	30 x 50mm	40 x 60mm	50 x 100mm	80 x 140mm
Weight	1.8kg	3.8kg	3.9kg	7.4kg
Resolution	standard 0.1mm			
Coining frequency	oscillating freely approx 200Hz			
Marking speed	1 - 5 characters per second			
Vertical/lateral integration	possible, but only with vertical Y-axis (axis with shorter travel path)			
Control	UMC 112 with LC display, keyboard, RS-232, USB and further options (in certain configurations, EMC eco and EMC box may be applicable)			
Power supply	electricity 230V, 50Hz, via control (optional 115V, 60Hz)			
Controller connection	26 pin circular plug			
Compressed air / connector size	max 6 bar / 6mm	max 6 bar / 6mm	max 6 bar / 6mm	max 6 bar / 8mm

Ostling follows a policy of continuous product improvement. Specifications are subject to change without notice.