

Bench Mounted 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 T series:

- ▶ Compact industrial design
- ▶ Low vibration, tough construction
- ▶ 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 bench mounted systems are very easy to set up and operate. A t-slotted base is included to accommodate fixturing and the height of the needle is adjusted with a handwheel. Electric height adjustment is available as an option.

There are three different control units available to operate the PinMark T range: the UMC box, UMC eco and UMC 112. Details of these machines can be found on their respective spec sheets.

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



Technical Data PinMark T	NP 3/5 T	NP 5/10 T	NP 8/14 T
Dimensions (DxWxH) without needle, inc t-slotted base and handwheel	300x 250 x 450mm	335 x 330 x 460mm	471 x 350 x 507mm
Marking field	30 x 50mm	50 x 100mm	80 x 140mm
Maximum part height	130mm	293mm	185mm
Weight	13kg	15.5kg	21kg
Resolution	standard 0.1mm		
Coining frequency	oscillating freely approx 200Hz		
Marking speed	1 - 5 characters per second		
Control	UMC 112 with LC display, keyboard, RS-232, USB and further options UMC eco with LC display, keyboard, RS-232 and USB UMC box with marking software on PC or laptop		
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 / 8mm

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