

THERMAL CUT PROFILE KNURLING MACHINE - AS 140 Z



TECHNICAL SPECIFICATIONS

- N° 2 three-phase motors 0.55 kW - 400 V - 50 Hz
- Bar feed speed adjustable through inverter.
- The safety system on the cutter block is engineered to prevent the mechanical components from becoming overloaded.
- Operating pressure: 7 bar
- Bar feed speed: Minimum 76.5 m/min – Maximum 218.5 m/min
- Diameter of knurled cutters: 80 mm
- Cutter stroke: transverse 7 - 256 mm, vertical 0 – 250 mm
- Working capacity (profile dimensions): Maximum width 400 mm
Maximum height 250 mm
(281 mm with cutters angled at 10°)
- Cutter inclination: ± 10 degrees
- Cross cutter adjustment: achieved by manipulating a single control featuring a decimal position indicator.
- Vertical adjustment of the cutters is achieved through the operation of two independent controls, each featuring decimal position indicators.
- Machine dimensions: 1070 mm (width) x 1100 mm (depth) x 1800 mm (height)
- Machine weight: 480 kg

Technical Commercial Data Sheet

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MILLING

Constructed from exceptionally wear-resistant steel, they are provided with a variable number of cutting edges, contingent upon the mechanical properties of the profiles to be knurled.

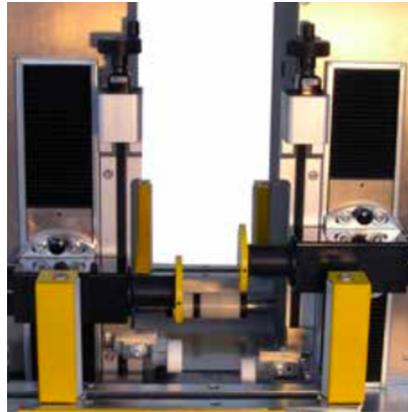
Decimal adjustment through a position indicator, featuring lateral movement of the moving head exclusively and independent vertical movement of the two heads.

The operational orientation of the cutters can be adjusted by tilting the heads +/- 10 degrees from the vertical.

GUIDANCE SYSTEM

Utilizing rapid-change sliding rollers constructed from anti-abrasive materials and featuring a modular design, capable of accommodating non-planar profiles as well. Free conveyor rollers that enable the seamless introduction of the profile into the machine.

Complimentary conveyor rollers that enable the egress of the knurled profile.



ACCESSORIES AVAILABLE UPON REQUEST.

- Specialized polymer roller kit for profile support
- Pair of specialized knurled cutters
- Lateral profile reinforcement
- Adjustable roller assembly for AS140Z
- Lower Knurling Set
- 90-Degree Knurling Kit
- Spacer kit designed to reposition the cutters away from the machine housings, facilitating work on profiles with substantial lateral dimensions.

STANDARD EQUIPMENT

- Standard polymer roller set for profile support
- Pair of Ø80 mm knurled cutting tools
- Drawings for the placement of profiles necessitating specialized kits
- Installation, Usage, and Maintenance Manual
- Service key set