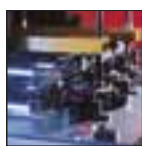




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AS 142 Z

NUMERIC CONTROL KNURLING MACHINE





Cutters

Steel cutters, **highly wear resistant**, there are many types available according to the number of cutting edges in order to knurl every kind of profile.

Width adjustment through transversal movement of the mobile head only and vertical independent adjustment of the two heads by means of Brushless motors.

Cutter work position can be changed by tilting the heads $\pm 10^\circ$.

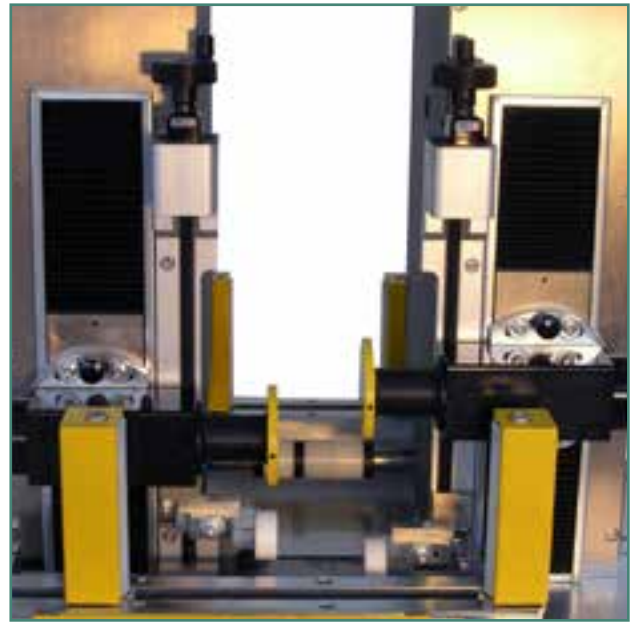


Guide system

By quick change rollers made of not abrasive material, which allow to support also not perfectly straight profiles thanks to the structural flexibility.

Idle conveyor rollers for easier profile loading.

Idle conveyor rollers for easier profile unloading.



The Company can make modifications and improvements without previous advice

Technical details

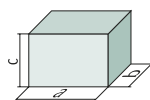
- Three-phase motors 4 Kw – 200-600 V – 50/60 Hz
- Bar feeding speed adjustable by means of inverter
- Automatic photocells system to speed-up the bar feeding after entering and to slow it down before exiting
- Safety device on cutter assembly in order not to overload the mechanical parts
- Operating pressure: 7 Bar
- Bar feed speed : min 30 m/min – max 230 m/min
- Knurling cutter diameter : 80 mm
- Cutter stroke : transversal 7 – 256 mm
Vertical 0 – 250 mm
- Working capacity (profile dimensions) : width max 400 mm
height max 250 mm
(281 mm with cutters tilted at 10 degrees)
- Cutter tilt angle $\pm 10^\circ$
- Transversal cutter adjustment by means of Brushless motor
- Vertical cutter adjustment by means of two independent Brushless motors
- Machine overall dimensions : 950 mm (a) x 1257 mm (b) x 1843 mm (c)
- Machine weight : 640 Kg

Standard equipment

- PLC Touch screen display 7"
- Standard roller kit in polymer for profile support
- Pair of knurling cutters $\varnothing 80$ mm
- Set-up drawings for profile that require special kit
- Installation, operation and maintenance manual
- Service spanners

Accessories on request

- Special roller kit in polymer for profile support
- Pair of special knurling cutters
- Side profile support
- Kit adjustable roller
- Kit for lower knurling
- Kit for 90° knurling



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