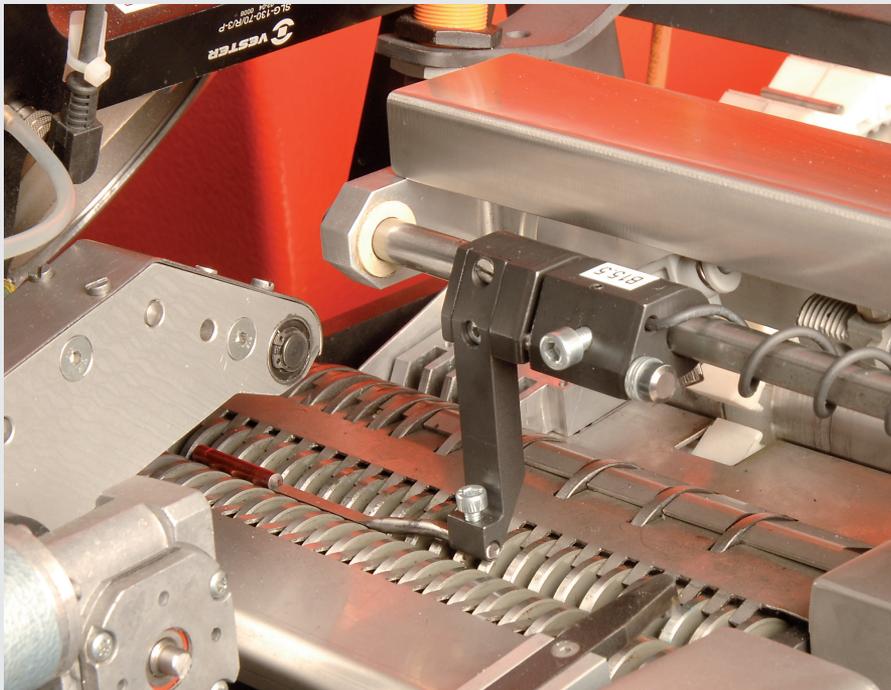


The FSM 25 – an automatic chamfer grinding machine for the professional

Highlights



The machine stops when the grinding wheel is at its minimum diamond layer

After the grinding of the chamfer, the transport rolls open automatically and the ground part drops onto the evacuation belt.

Grinding is done with water coolant. A mist cooling of the grinding area ensures an excellent precision of the chamfer and a long lifespan of the grinding wheel.

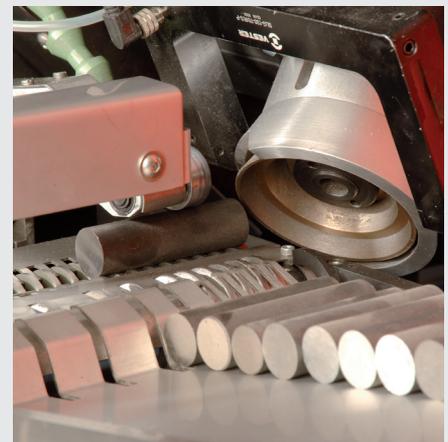
The modern CNC can program the angle and the width of the chamfer, the feeds and speeds as well as the spark-off time. Pre-programmed grinding profiles allow you to optimise the chamfer grinding of a vast array of different rods. The CNC is very user-friendly and has graphical assistance.

Precision guides (both for the axis and table) and a grinding spindle with high precision bearings allow the production of

large series of ground chamfers with an excellent precision.

The workpiece is pushed against the stop at exactly the same position by the sensor-controlled and mobile transport rolls, thus guaranteeing the uniformity of the ground chamfers.

The grinding wheel is measured by laser and its wear is automatically compensated.



Technical Data

Range from Ø	l – 20 mm	Electricity	400 V - 50 Hz
Chamfer angles of	20 – 60°	colours	RAL 2002 RAL 5007
Grinding wheel 11V9	Ø 100 mm	Machine weight about	350 kg
Total power	2 kW	Machine dimensions	LxBxH 900x950x2100 mm

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Chamfers and complete points ***on tungsten carbide, HSS and other hard materials***



FSM 25

Automatic CNC chamfer grinding machine



- Programmable CNC for feeds and speeds of workpiece and grinding wheels
- Chamfer grinding (from 20 to 60°)
- Laser measurement of the grinding wheel with automatic wear compensation
- Loader (various solutions possible) allowing a long unsupervised operation
- Automatic central greasing of all mobile parts
- Very short set-up times
- Working area fully enclosed in conformance with the EC rules