

Special applications

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According to specification:
25.02.2010
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Chamfering and profiling machine 72/854

Item number: VT4-00023

Category: Special applications

This machine is suitable for grinding from even (45°) or round chamfer of squared mono- and multi crystalline silicon workpieces with diameter format 90 - 210 mm, with two grinding aggregates (1x cup wheel, 1x fine profile wheel). With the machine can be processed workpiece lengths of 100 – 1000 mm, a combination of several workpieces is possible. The machine excels by following advantages: grinding from even (45°) or round chamfers; high flexible machine concept; low investment costs; low cost of ownership; low tool costs; high lifetime of grinding disks ≥ 6 months; machine uptime 97%; Quality data of workpiece: average value Ra ≤ 0,7 µm (profiling) average value Ra ≤ 0,1 µm (chamfering 45°)



- grinding spindle with special labyrinth sealing (2 pce)
- precision spindle with air protection (2 pce)
- tool carriage driven via AC-servo motor (2 pce)
- manual OP 177B Color 7
- SPS Siemens S7-300 with 2 axis positioning modules

Workpiece length	100 - 1000 mm
Workpiece format	90 - 210 mm
Workpiece weight	approx. 100 kg
Maschine measuments (LxWxH)	2500 x 1250 x 1700 mm
Maschine weight	1000 kg

Chamfering grinding machines

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