

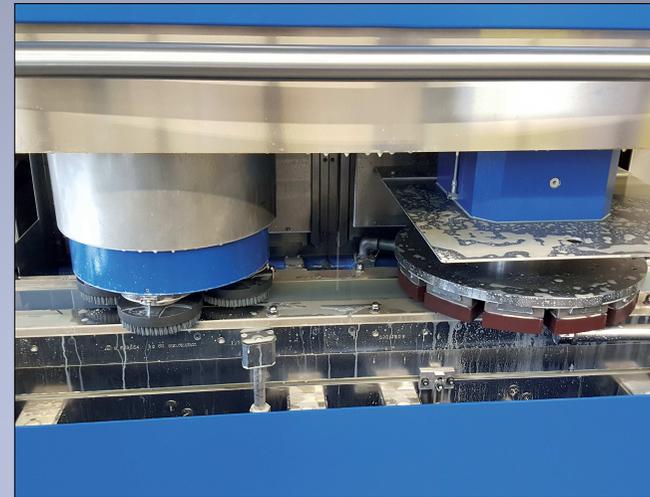
STAG 180/500

Continuous through feed grinder, can be combined with up to 2 vertical stations



Grinding direction from right to left

Grinding and brushing or polishing



Measurement



Manual



Automatic

Performances

- Resolution 0.005 mm or 0.001 (optional)
- High performance spindles, direct drive
- Modular rigid frame of grey cast iron combined with prestressed concrete
- Measurement and automatic servo
- Additional brushing module
- Can be combined with up to 2 stations continuously
- Automatic, semi-automatic or manual loading

Pumping tank



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Technical specifications

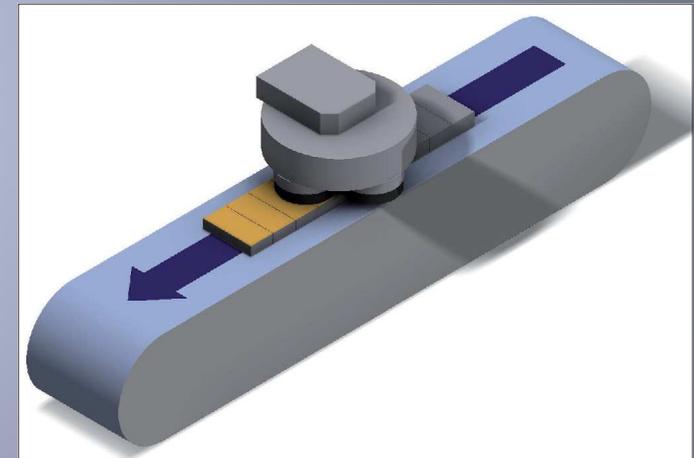
Number of spindles	1 + brushing unit (optional)	Abrasive tools	CBN/diamond/Al2O3
Spindle (mm)	ø200x500	Grinding wheel (mm)	ø400, ø500
Z-axis infeed (mm)	120	Infeed (mm/min)	0 - 6000
Direct spindle drive (rpm)	0 - 4000	Electrical control	Siemens S7/1500/TIA
Power (kW)	11 / 28 / 2.5 brushing unit	Total weight (t)	4 - 5
Width of machinable parts max. (mm)	170	Stock removal max. (mm)	5
Height of machinable parts max. (mm)	100	Resolution (mm)	0.005 or 0.001 (optional)

Technology 1V:

Continuous through feed flat surface grinder equipped with vertical spindle(s) + optional brushing unit(s)

Combined operations

Highly productive method for continuous through feed machining of surfaces, using corundum, diamond or CBN cup wheels. Transported by a highly resistant composite belt, held by magnetic attraction (by mask or template for parts of non-magnetic material) the parts are guided between rails and pass beneath the grinding wheel. Controlled process and part program provide optimum performance.



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