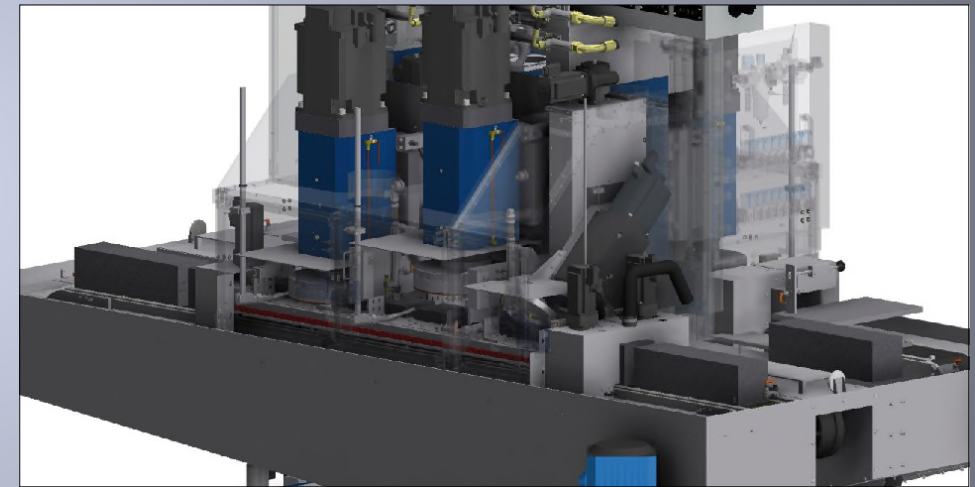
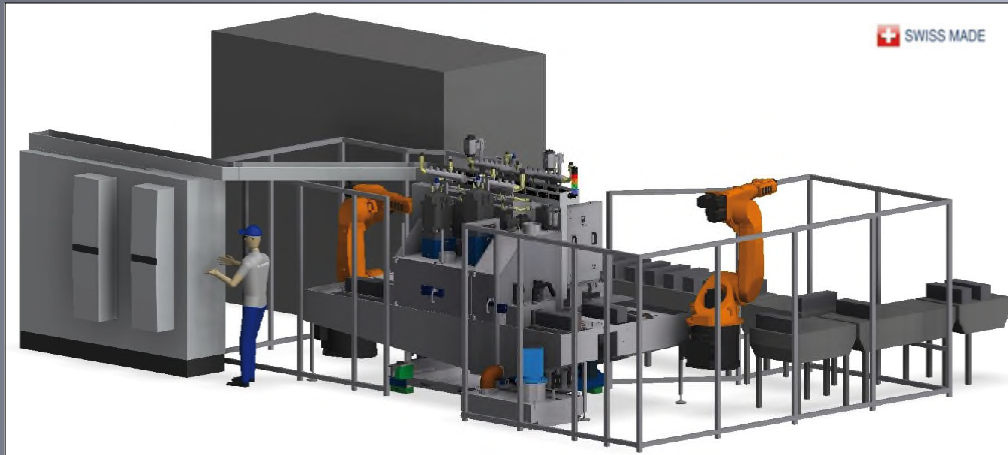


ISOLDE VI

Continuous through feed grinder equipped with 4 vertical spindles and 2 tilting spindles dedicated to grinding and chamfering of silicium blocs before wafering



Performances

- Resolution 0.001 mm
- High performance spindles, direct drive
- Modular rigid steel frame combined with prestressed reinforced concrete
- Measurement and automatic servo
- Automatic, semi-automatic or manual loading

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Technical specifications

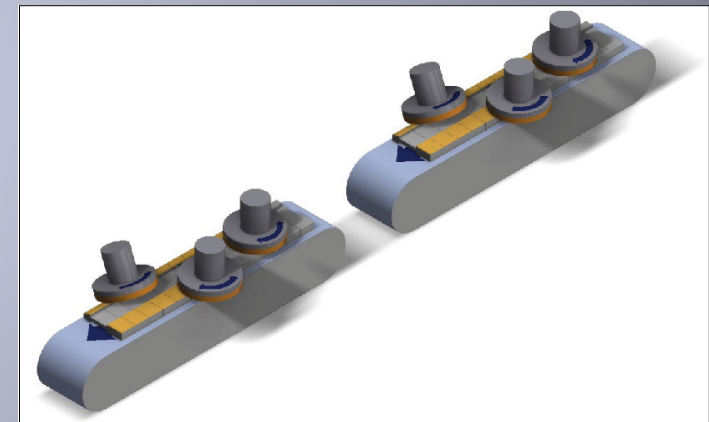
Number of spindles	4 + 2	Abrasive tools	CBN/diamond/Al2O3
Spindle (mm)	∅200/500 + AFS ∅80/200	Grinding wheel (mm)	∅400 / ∅250
Z-axis infeed (mm)	120	Infeed (mm/min)	0 - 4000
Direct spindle drive (rpm)	0 - 6000	Electrical control	Siemens S7/1500/TIA
Power (kW)	4x29 / 2x5	Total weight (t)	10
Width of machinable parts max. (mm)	170	Stock removal max. (mm)	1
Height of machinable parts max. (mm)	160	Resolution (mm)	0.001

Technology 6VVV'VVV':

Continuous through feed grinder of multiple flat surfaces and chamfers, equipped with 4 vertical spindles and 2 spindles with variable angle

Combined operations

Highly productive method for continuous through feed machining of surfaces, using AL2O3 cup, diamond and CBN wheel. The parts parading under the grinding wheel: 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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