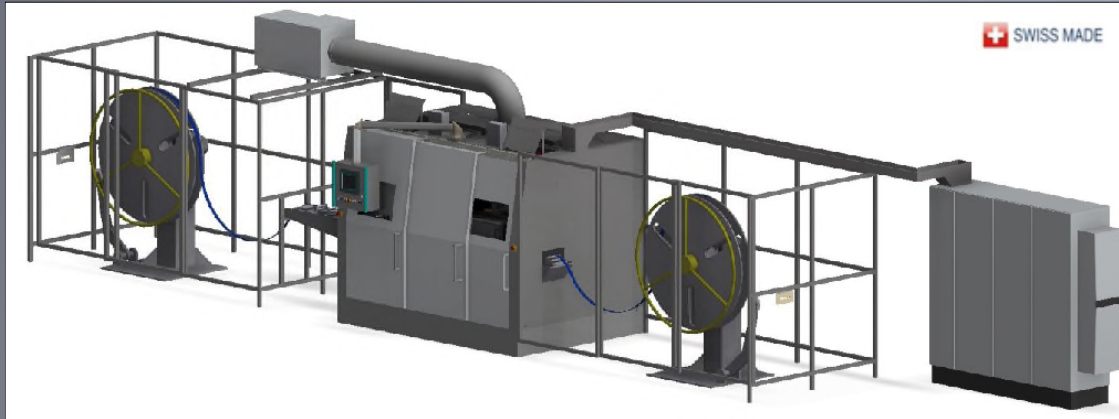


# ISOLDE IV

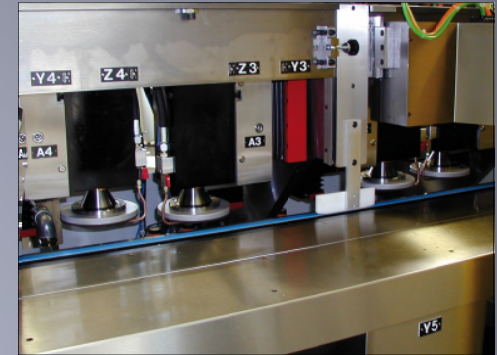
Application dedicated to continuous grinding of coils



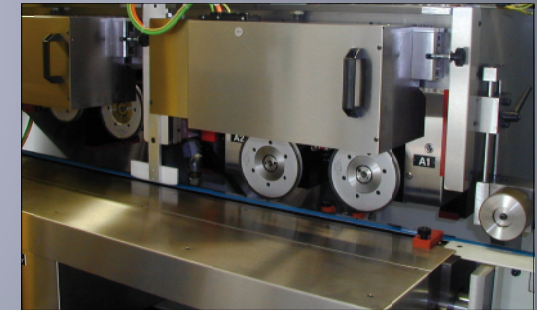
## Performances

- Resolution 0.001 mm
- High performance spindles, direct drive
- Modular rigid frame of grey cast iron combined with prestressed reinforced concrete
- Measurement and automatic servo
- Additional brushing module
- Automatic, semi-automatic or manual loading

## Vertical spindle



## Horizontal spindle



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## Technical specifications

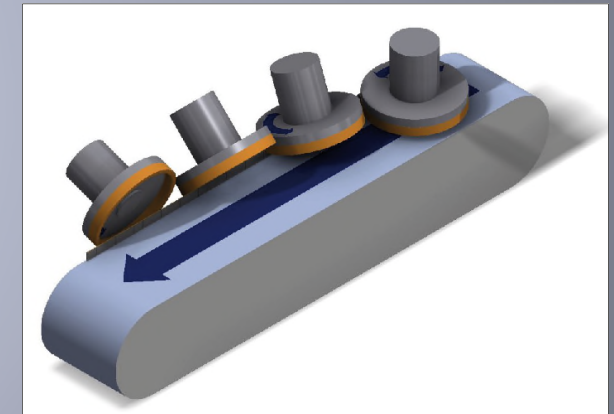
Number of spindles	4	Abrasive tools	Diamond
Spindle (mm)	AFS ø80x200	Grinding wheel (mm)	ø150
Z-axis infeed (mm)	200	Infeed (mm/min)	0 - 6000
Direct spindle drive (rpm)	0 - 6000	Electrical control	Siemens S7/1500/TIA
Power (kW)	4x4.5	Total weight (t)	6.5
Width of machinable parts max. (mm)	20	Stock removal max. (mm)	1
Height of machinable parts max. (mm)	15	Resolution (mm)	0.001

### Technology 4V'V'V'V:

Continuous through feed grinder of multiple flat surfaces

#### Combined operations

Highly productive method for continuous through feed machining of surfaces, using AL2O3 cup, diamond and CBN wheels. Transported by a highly resistant composite belt, held by magnetic attraction (by mask or template for parts of nonmagnetic 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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# LINEAR ABRASIVE