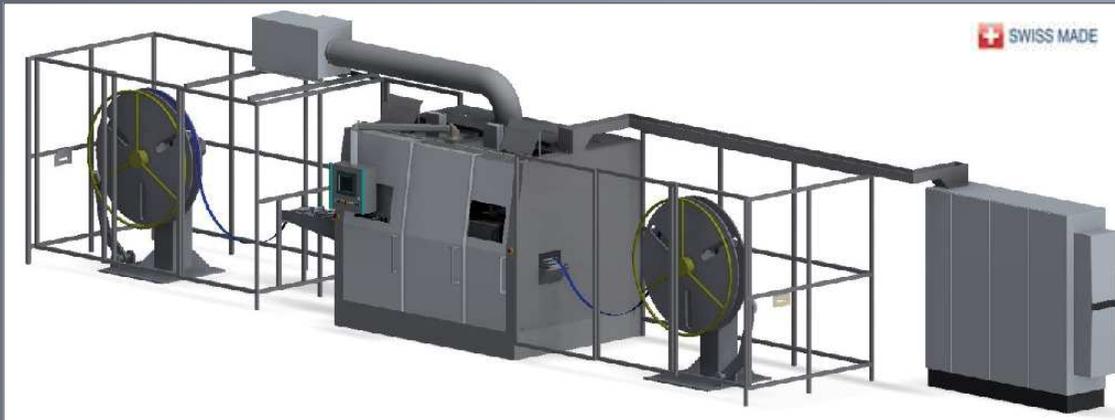


# ISOLDE IV

Application dedicated to continuous grinding of coils



## Performances

- Resolution 0,001mm
- High performance spindles, direct drive
- Modular rigid frame of grey cast iron combined with prestressed reinforced concrete
- Measurement and automatic servo
- Automatic, semi-automatic or manual loading

## Vertical spindles



## Horizontal spindles



### LINEAR ABRASIVE Engineering S.A.

Bellevue 5

2074 Marin / Schweiz

Tel.: +41 (0)32 753 36 33 Fax: +41 (0)32 753 21 69

E-Mail: [commercial.center@linear.ch](mailto:commercial.center@linear.ch)



# LINEAR ABRASIVE

## Spécifications techniques

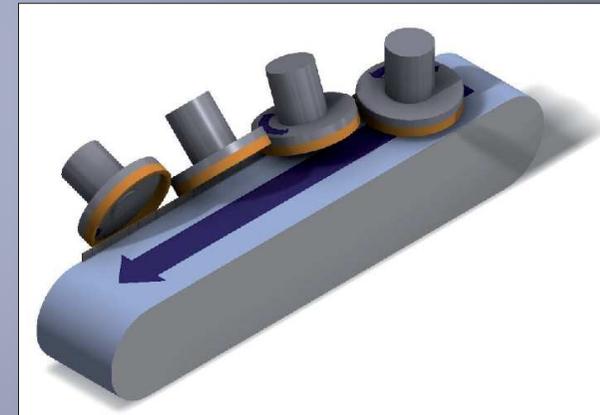
<b>Number of spindles</b>	<b>4</b>	<b>Abrasive tools</b>	<b>Diamond</b>
<b>Spindle (mm)</b>	<b>AFS ø80x200</b>	<b>Grinding wheel (mm)</b>	<b>ø150</b>
<b>Z-axis infeed (mm)</b>	<b>200</b>	<b>Infeed (mm/min)</b>	<b>0 - 6000</b>
<b>Direct spindle drive (rpm)</b>	<b>0 - 6000</b>	<b>Electrical control</b>	<b>Siemens S7/1500/TIA</b>
<b>Power (kW)</b>	<b>4x4,5</b>	<b>Total weight (t)</b>	<b>6,5</b>
<b>Width of machinable parts max. (mm)</b>	<b>20</b>	<b>Stock removal max. (mm)</b>	<b>0 - 1</b>
<b>Height of machinable parts max. (mm)</b>	<b>15</b>	<b>Resolution (mm)</b>	<b>0,001</b>

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

Continuous through feed grinder for multiple flat surfaces

Combined operations

Highly productive method for continuous through feed machining of surfaces and profiles, using AL2O3 cup, diamond and CBN 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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