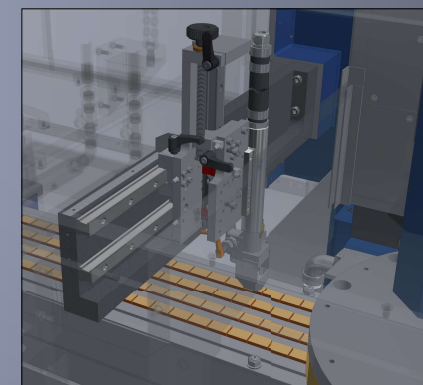
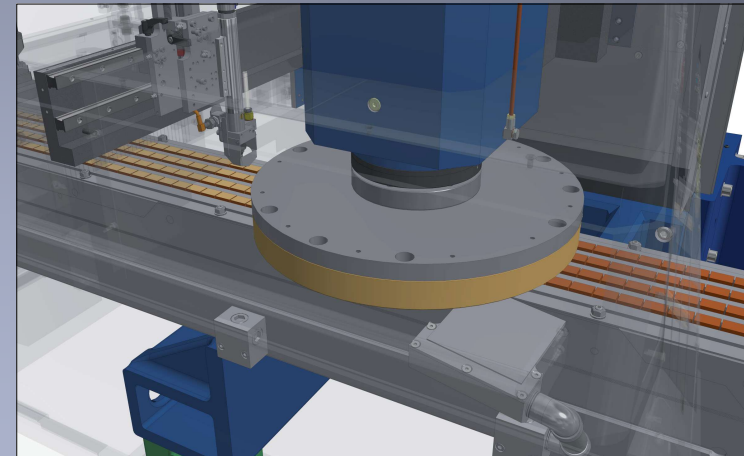
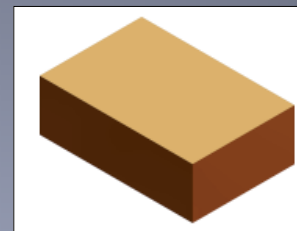
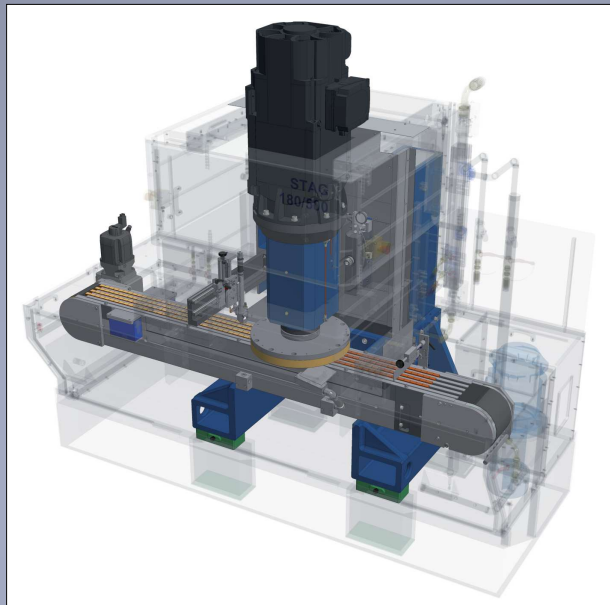
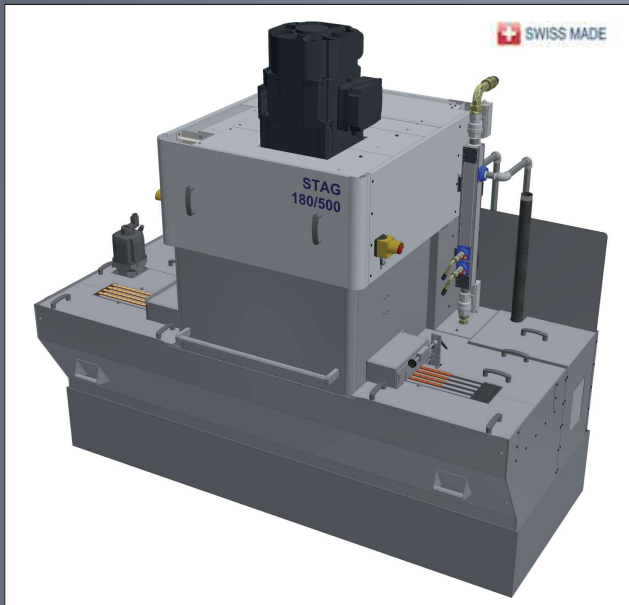


# STAG 180/500

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



Grinding direction from right to left

## Performances

- Resolution 0.001 mm
- 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

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LINEAR ABRASIVE

## Technical specifications

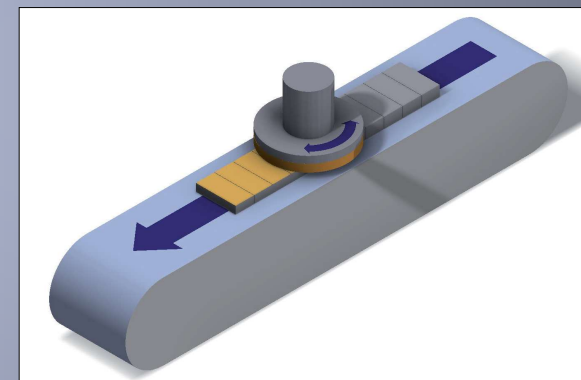
<b>Number of spindles</b>	<b>1 + brushing unit (optional)</b>	<b>Abrasive tools</b>	<b>CBN/diamond/Al2O3</b>
<b>Spindle (mm)</b>	<b>ø200x500</b>	<b>Grinding wheel (mm)</b>	<b>ø400, ø500</b>
<b>Z-axis infeed (mm)</b>	<b>120</b>	<b>Infeed (mm/min)</b>	<b>0-6000</b>
<b>Direct spindle drive (rpm)</b>	<b>0-4000</b>	<b>Electrical control</b>	<b>Siemens S7/1500/TIA</b>
<b>Power (kW)</b>	<b>11/28/35</b>	<b>Total weight (t)</b>	<b>4-5</b>
<b>Width of machinable parts max. (mm)</b>	<b>170</b>	<b>Stock removal max. (mm)</b>	<b>up to 5</b>
<b>Height of machinable parts max. (mm)</b>	<b>100</b>	<b>Resolution (mm)</b>	<b>0.001</b>

### 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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