

# SIEGFRIED 180/500

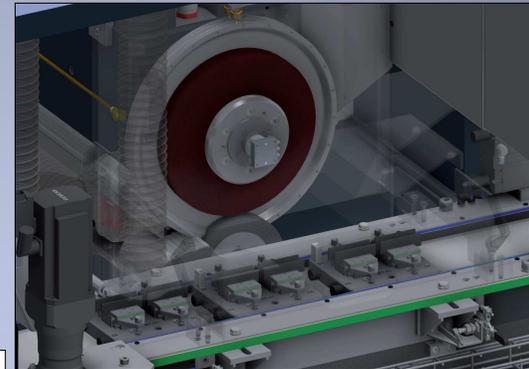
Tangential continuous through feed grinder equipped with 1 horizontal spindle



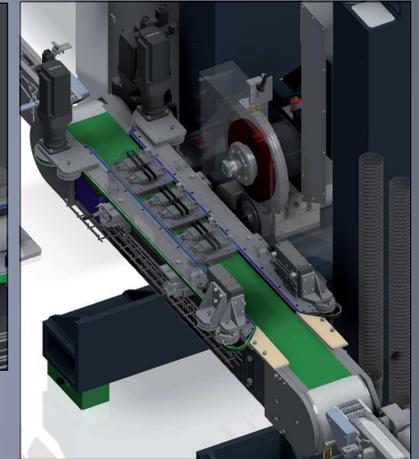
Grinding direction from right to left



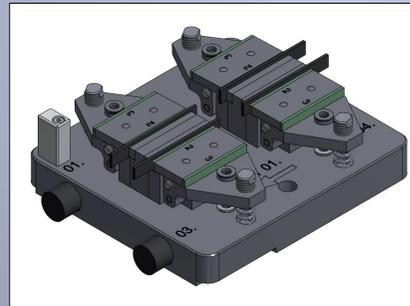
## Spindle



## Table



## Shuttle



## Performances

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

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# LINEAR ABRASIVE

## Technical specifications

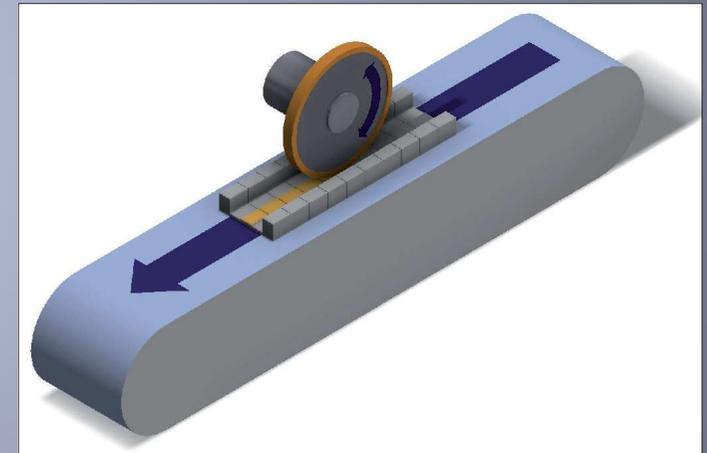
<b>Number of spindles</b>	<b>1</b>	<b>Abrasive tools</b>	<b>CBN/diamond/Al2O3</b>
<b>Spindle (mm)</b>	<b>ø200x500</b>	<b>Grinding wheel (mm)</b>	<b>ø500</b>
<b>Z-axis infeed (mm)</b>	<b>120</b>	<b>Infeed (mm/min)</b>	<b>0 - 6000</b>
<b>Direct spindle drive (rpm)</b>	<b>0 - 3000</b>	<b>Electrical control</b>	<b>Siemens S7/1500/TIA</b>
<b>Power (kW)</b>	<b>15</b>	<b>Total weight (t)</b>	<b>3.5</b>
<b>Width of machinable parts max. (mm)</b>	<b>170</b>	<b>Stock removal max. (mm)</b>	<b>2</b>
<b>Height of machinable parts max. (mm)</b>	<b>100</b>	<b>Resolution (mm)</b>	<b>0.001</b>

### Technology 1H:

Continuous through feed profile grinder equipped with 1 horizontal spindle

#### Simple operation

Highly productive method for continuous through feed machining of profiles 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 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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