

# STAG 300/600

Continuous through feed grinder, can be combined with up to 3 vertical stations



Grinding direction from right to left

## Grinding, polishing and brushing



## Measurement



Manual

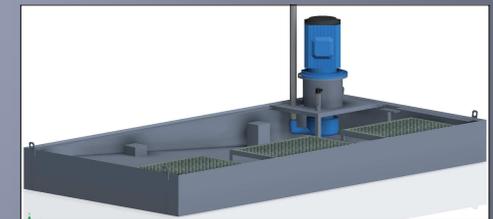


Automatic

## Performances

- Resolution 0.001 mm
- High performance spindles, direct drive
- Modular rigid steel frame combined with prestressed concrete
- Measurement and automatic servo
- Additional brushing module
- Can be combined with up to 3 stations continuously
- Automatic, semi-automatic or manual loading

## Pumping tank



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# LINEAR ABRASIVE

## Technical specifications

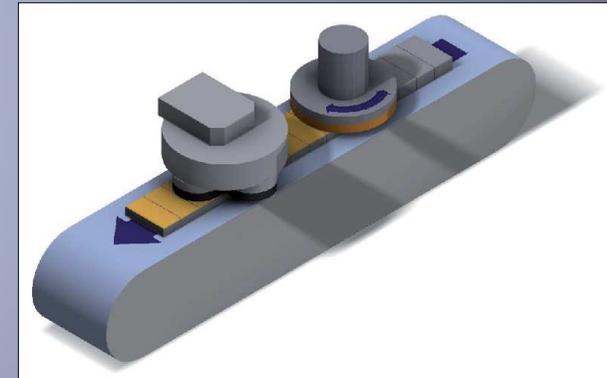
<b>Number of spindles</b>	<b>1 + brushing unit (option)</b>	<b>Abrasive tools</b>	<b>CBN/diamond/Al2O3</b>
<b>Spindle (mm)</b>	<b>ø200x500</b>	<b>Grinding wheel (mm)</b>	<b>ø600 / ø500</b>
<b>Z-axis infeed (mm)</b>	<b>150</b>	<b>Infeed (mm/min)</b>	<b>0 - 6000</b>
<b>Direct spindle drive (rpm)</b>	<b>0 - 3000</b>	<b>Electrical control</b>	<b>Siemens S7/1500/TIA</b>
<b>Power (kW)</b>	<b>39, 2.5 (brushing unit)</b>	<b>Total weight (t)</b>	<b>5 - 7</b>
<b>Width of machinable parts max. (mm)</b>	<b>285</b>	<b>Stock removal max. (mm)</b>	<b>8</b>
<b>Height of machinable parts max. (mm)</b>	<b>120</b>	<b>Resolution (mm)</b>	<b>0.001</b>

### Technology 1VB:

Continuous through feed flat surface grinder equipped with 1 vertical spindle + 1 planetary brushing unit

#### Combined operation

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 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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